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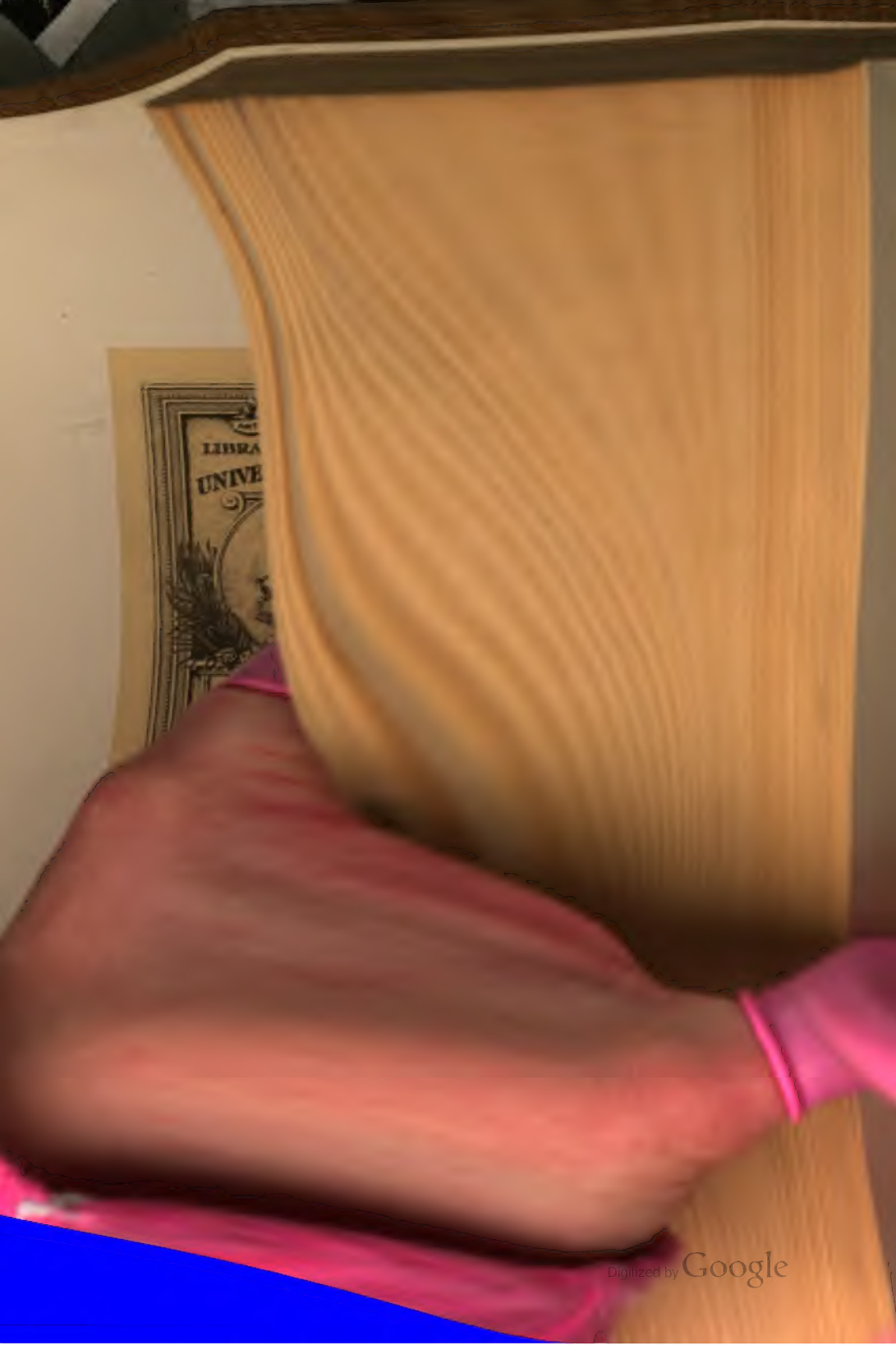
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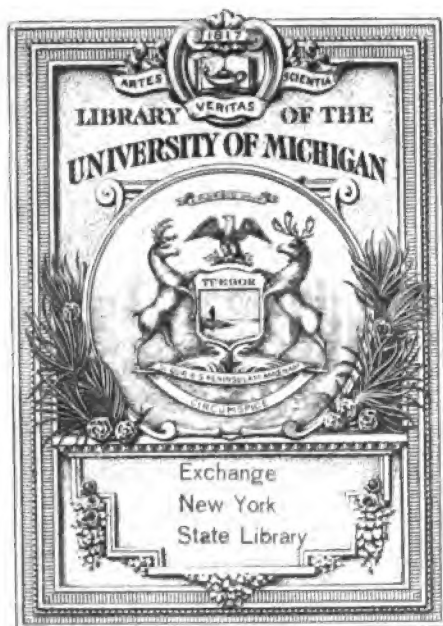
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NEW YORK LEGISLATIVE DOCUMENTS

ONE HUNDRED AND FORTY-SECOND SESSION

1919

VOL. XLII—Nos. 113 TO 114



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1919**

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STATE OF NEW YORK

REPORT

OF THE

State Commissioner of Highways

For the Year Ending December 31, 1918



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STATE OF NEW YORK

OFFICE OF THE STATE COMMISSIONER OF HIGHWAYS

To the Speaker of the Assembly of the State of New York:

In compliance with Section 15, Chapter 30 of the Laws of 1909, constituting Chapter 25 of the Consolidated Laws, I have the honor to submit herewith the report of Edwin Duffey, as Commissioner of Highways, for the Year 1918.

I. J. MORRIS,

Secretary.

NEW YORK STATE HIGHWAY COMMISSION

1918

EDWIN DUFFY, Commissioner.
IRVING J. MORRIS, Secretary.
H. ELTING BREED, First Deputy Commissioner.
FRED W. SARR, Second Deputy Commissioner.
BENJAMIN J. RICE, Third Deputy Commissioner.
SEPRINE D. GILBERT, Auditor.

MAIN OFFICE

EDMUND A. BONNEY, Supervising Engineer.
JOSEPH CURRAN, Chief of Maintenance.
JESSE C. PATRICK, Superintendent of Maintenance, Eastern Division.
FRANK W. BRISTOW, Superintendent of Maintenance, Western Division.
FRANK W. PENNOCK, Assistant Secretary.
JAMES T. TAAFFE, Secretary to the Commissioner.
MARK W. NELSON, Assistant to the First Deputy.
RAOUL W. BAKER, Secretary to the Second Deputy.
FRED BUCK, Assistant to the Third Deputy.
HARRY P. CONDON, Chief Clerk.
W. E. CONKLIN, Confidential Inspector.
A. W. SMITH, Confidential Inspector.
R. O. HOLLENBECK, Confidential Inspector.
H. W. COWLBECK, Appointment Clerk.
FRANK A. HERMANS, Engineer of Grade Crossings.
E. E. BRANDOW, Engineer of Bridges.

FRANK W. BURLEIGH, in charge of Bureau Tests.
H. S. MATTIMORE, in charge of Physical Testing of Materials.
JOSEPH E. MYERS, in charge of Chemical Testing of Materials.
E. M. TREFETHEN, in charge of Drafting Department.
W. A. TREADAELL, in charge of Statistics, Costs, Etc.
J. B. RYDER, Plans and Resolutions.

DIVISION ENGINEERS

DIVISION NO. 1.—JAMES H. STURDEVANT, Columbus Institute, 11 Washington Street, Poughkeepsie.
Columbia, Dutchess, Greene, Nassau, Orange, Putnam, Rockland, Suffolk, Ulster, and Westchester counties.
DIVISION NO. 2.—HARVEY O. SCHERMERHORN, Lyon Building, 1 Daniel Street, Albany.
Albany, Clinton, Essex, Rensselaer, Saratoga, Schenectady, Warren and Washington counties.

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DIVISION No. 3.— C. C. CASSELL (Acting), Cleveland Building, Watertown.

Franklin, Jefferson, Lewis and St. Lawrence counties.

DIVISION No. 4.— ROY F. HALL, Chamber of Commerce Building, Utica.

■ Fulton, Hamilton, Herkimer, Madison, Montgomery and Oneida counties.

DIVISION No. 5.— HOWARD E. SMITH, 901 Press Building, Binghamton.

■ Broome, Chenango, Delaware, Otsego, Schoharie and Sullivan counties.

DIVISION No. 6.— L. D. BROWNELL, 433 South Salina Street, Syracuse.

■ Cayuga, Cortland, Onondaga, Oswego, Seneca and Wayne counties.

DIVISION No. 7.— PERRY FILKIN, 423 Cutler Building, Rochester.

■ Genesee, Livingston, Monroe, Ontario, Orleans and Wyoming counties.

DIVISION No. 8.— CHARLES M. EDWARDS, St. Ann Federation Building, Hornell.

Allegany, Chemung, Schuyler, Steuben, Tioga, Tompkins and Yates counties.

DIVISION No. 9.— CHARLES J. McDONOUGH, Wilson Building, Buffalo.

Cattaraugus, Chautauqua, Erie and Niagara counties.

COUNTY SUPERINTENDENTS OF HIGHWAYS

COUNTY	NAME AND ADDRESS
Albany.....	E. J. Bedell, Delmar.
Allegany.....	Harry Craig, Canaseraga.
Broome.....	Charles Van Amberg, Binghamton.
Cattaraugus.....	Alexander Bird, Ellicottville.
Cayuga.....	J. C. Dayton, Auburn.
Chautauqua.....	W. J. Knauer, Jamestown.
Chemung.....	Harry T. Gage, Van Etten.
Chenango.....	E. B. Pendleton, Norwich.
Clinton.....	Richard T. Mace, Keeseville.
Columbia.....	Lester J. Bashford, Hollowville.
Cortland.....	Dwight B. Coleman, Cortland.
Delaware.....	A. L. Van Tassle, Treadwell.
Dutchess.....	C. R. Cornwell, Poughkeepsie.
Erie.....	George C. Diehl, Buffalo.
Essex.....	Clinton H. Simonds, Elizabethtown.
Franklin.....	H. A. Gray, Malone.
Fulton.....	J. A. Karg, Johnstown.
Genesee.....	W. M. Torrance, Batavia.
Greene.....	H. S. Olmstead, Cairo.
Hamilton.....	Edgar Call, Lake Pleasant.
Herkimer.....	Will H. Corey, Herkimer.
Jefferson.....	Henry S. Ball, Watertown.
Lewis.....	Clarence E. Putnam, Croghan.
Livingston.....	George E. Schaefer, Genesee.
Madison.....	George S. Tibbits, Oneida.
Monroe.....	J. Y. McClintock, Rochester.
Montgomery.....	Irving Lathers, Fonda.
Nassau.....	W. Fred Starks, Glen Cove.
Niagara.....	Thomas M. Brennen, Niagara Falls.
Oneida.....	Arthur O'Brien, Utica.
Onondaga.....	Frank E. Bogardus, Syracuse.
Ontario.....	George W. Powell, Canandaigua.
Orange.....	C. H. Smith, Middletown.
Orleans.....	Harry D. Waldo, Albion.
Oswego.....	Elbert A. Howard, Oswego.
Otsego.....	Samuel R. Lewis, Otsego.
Putnam.....	Richard Mitchell, Brewster.
Rensselaer.....	Charles A. Roemer, Court House, Troy.
Rockland.....	Calvin J. Allison, Stony Point.
St. Lawrence.....	W. F. Willson, Louisvile.
Saratoga.....	John E. Hodgman, Saratoga.
Schenectady.....	Harry W. Cregier, Schenectady.

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COUNTY	NAME AND ADDRESS
Schoharie.....	Van E. Lawyer, Cobleskill.
Schuyler.....	James P. Frost, Watkins.
Seneca.....	Fred A. Potter, Ovid.
Steuben.....	Charles E. Bower, Corning.
Suffolk.....	A. O. Smith, Port Jefferson.
Sullivan.....	Monroe H. Wright, Livingston Manor.
Tioga.....	William O. Lay, Owego.
Tompkins.....	F. C. Evans, Ithaca.
Ulster.....	James F. Loughran, Kingston.
Warren.....	Bertram E. Murray, Warrensburg.
Washington.....	O. C. Richards, Hudson Falls.
Wayne.....	W. G. Sisson, Lyons.
Westchester.....	Charles McDonald, White Plains.
Wyoming.....	Robert Holmes, Jr., Castile.
Yates.....	Matthew McEvoy, Penn Yan.

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REPORT OF THE STATE COMMISSIONER OF HIGHWAYS

ALBANY, N. Y., *January 1, 1919*

To the Honorable, the Legislature of the State of New York:

I have the honor to present the annual report of this Department for the year ending December 31, 1918.

All of the first \$50,000,000 bond issue has been appropriated by the Legislature, and the unexpended balance is obligated by existing contracts or expedited routes.

Of the second \$50,000,000 bond issue authorized by the referendum of 1912, there has been appropriated by the Legislature \$35,000,000, leaving \$15,000,000 as yet unappropriated.

No contracts for new construction were awarded during the year 1918.

On January 1, 1918, there were contracts	<i>Miles</i>	<i>Miles</i>
in force aggregating.....	.....	1,111
Contracts awarded during 1918.....	.....	000
		<hr/>
Total under contract during 1918..	.....	1,111
Contracts completed and accepted during		
1918	269	.....
Contracts completed during 1918 but not		
in time for acceptance.....	94	363
	<hr/>	<hr/>
Leaving under contract January 1, 1919.		748

On the contracts in force Jan. 1, 1919,		
aggregating 748 miles certain work has		
been performed as follows .....	.....	748
Prior to January 1, 1918	238	.....
During 1918	41	279
Leaving on January 1, 1919, actual		
work to be performed under con-		
tracts in force.....	.....	469

Total State and county systems of highways		*12,330
Highways completed on January 1, 1918	6,872	
Roads taken over for maintenance..	40	.....
Contracts completed and accepted during 1918	269	.....
Contracts completed but not accepted January 1, 1919.....	94	.....
Highways under contract January 1, 1919	748	8,023
		<hr/>
Balance of State and county systems		4,307
		<hr/>

* The total mileage of state and county systems of highways has previously been estimated as 11,988. Accurate measurements as completed from time to time will slightly vary this total.

CONSTRUCTION

The activities of no other branch of the State service have been so affected by the war as those of the State Department of Highways, owing to its great requirements for labor, material and transportation facilities in the normal conduct of its numerous contracts for construction and maintenance in all sections of the State.

During 1916 it became apparent to the Department that, even though the United States remained at peace, the difficult conditions as to these necessities, both with regard to price and availability, would continue throughout the period of the European war, and that it would be unwise to attempt to proceed upon the extensive scale of previous years. With this policy in view, the aggregate amount of contracts awarded during 1916 was only about \$5,000,000, or one-half the amount appropriated by the Legislature for 1916 work; and in the January 1, 1917, Annual Report of the Department to the Legislature the following recommendation was made:

"The demand of the citizens of this State for the speedy completion of its system of improved roads is urgent, and is warranted; and it is to the interest of the State that contractors be enabled to keep their

organizations of plant, equipment and men, which involve the investment of a large amount of capital, as continuously employed as possible; and therefore occasional lettings are advisable in order that contractors who have finished, or are about to finish, work now in hand, may secure new contracts upon which they can commence operations and thus maintain their organizations. It is apparent, however, that with the amount of mileage now under contract, and with the existing conditions as to labor, materials and the cost of same, it would be inexpedient and poor business economy to attempt to place under contract during the coming season (unless conditions change rapidly and materially), a large additional mileage; and it would seem the part of wisdom for the State to take these conditions into consideration and to curtail the placing of contracts for new work to any considerable extent until prices of labor and material and an increased supply of labor warrant the resumption of activities on a larger scale. It must be borne in mind that this suggestion does not mean that no work is to be performed during the coming season; on the contrary, every man who can be secured will be employed, and every mile of road it is possible to build will be built.

The Department, therefore, recommends that the appropriation for 1917 from the bond issue should not exceed the sum of \$5,000,000."

Methods of contractors and sureties

In addition to the difficulties caused by the war, the situation was further complicated by conditions due to methods originating in 1912 and followed by many contractors and surety companies and described in the Annual Report of this Department on January 1, 1917, as follows:

"The steadily increasing scale upon which highway improvement is being conducted in New York State and the large sums annually made available by the Legislature from bond issue moneys for that purpose, have in recent years attracted a large number of contractors, many of whom were not well qualified either by previous experience and knowledge of the business, or by financial resources to engage in the work. All of these requisites are necessary for the successful handling of a contract involving large sums of money (few contracts being for less than \$50,000), and require the exercise of great skill and judgment in the manipulation of labor.

Each bidder is required to deposit with his bid a certified check for five per cent of the amount of such bid, to guarantee the execution of the contract and bond if the contract is awarded to him. A bond executed by a surety company for fifty per cent of the contract price is required, upon the execution of the contract. The law provides that the contract be awarded to the lowest responsible bidder. If the low bidder to whom the contract is awarded executes the contract and the bond, and the bond is also signed by a surety company authorized by the State Superintendent of Insurance to transact business in this State, thereby obligating the

surety company to the completion of the contract, the responsibility of the contractor is assumed to be assured, so far as the ultimate completion of the road within the original contract price is concerned.

Sharp competition has developed between surety companies in their efforts to secure business, and during the past few years a practice unsatisfactory to the Department has arisen which ultimately was bound to lead to bad results, both to the surety companies and to the contractors, and which to a certain extent affects the interests of the State. A contractor without prior experience in the work, without plant or equipment, or even without financial resources, would be provided by a surety company with the certified check necessary to enable him to bid. If he proved to be the low bidder and the contract was awarded to him the surety company would write his bond, and a contractor, totally unqualified, would thus be enabled to assume an obligation for which he was unfitted. This reckless disregard for all business principles was increased by the manner in which contractors of this type usually prepared their bids. Instead of making careful personal investigation of all the conditions surrounding the contract, it became quite a common practice to consult the engineer's estimate of cost and present a bid at some figure below such estimate, which the bidder hoped would be sufficiently low to secure the contract. So long as labor was plentiful and wages remained fairly stable, the contractors generally managed to complete their work, although owing to lack of financial resources and inexperience, it was with difficulty; and the rate of progress was, in many instances, unsatisfactory."

As a result of the methods above referred to, the conditions on the 6th day of April, 1917, at which time this country entered the war, were made more complex. In many cases the prices contained in these contracts were low under normal conditions, and were inadequate to meet the existing conditions. Nevertheless, a large number of contractors progressed their work to completion, fulfilling their obligations. Quite a number of contractors, and these in nearly every case were the type above mentioned who were enabled to secure contracts by the aid of the surety companies, either entirely abandoned their work or for a time progressed it in a very dilatory and unsatisfactory manner. This department felt that so long as the contractor could be kept at work it was better policy, even though progress was slow to permit him to continue, than to cancel his contract. Where the roads were actually abandoned and left in such condition that action was necessary, the contract was abrogated and advertised for completion, or in some cases of extreme urgency finished by department forces.

Conditions Jan. 1, 1918

Early in January, 1918, a very careful study was made of the entire situation. It developed that there were still in force 186 highway improvement contracts, aggregating approximately 1,100 miles and having a total face value of about \$20,000,000. Work had been performed on these contracts to the extent of something less than 500 miles, leaving approximately 600 miles still to do, at a contract cost of \$7,300,000. Each of these contracts was guaranteed by a surety company bond for 50 per cent of the amount of the contract.

These 186 roads were in different stages of completion. In some cases no work had been performed and the highway was in the same physical condition that it was in prior to the award of the contract. In others, the improvement of a portion of the road was fully completed and no other part of the highway disturbed. In others, part of the improvement was completed but other parts of the highway were torn up and impassable. In others, no part of the improvement was complete and more or less of the entire highway included in the contract was torn up and in a difficult or impassable condition.

In addition to these roads there was necessarily to be considered the usual annual maintenance and repair of the 7,000 miles of improved highways. Necessary repairs and upkeep if neglected, result in widespread deterioration and a greatly increased future expense. The systematic and regular conduct of this work is of paramount importance both for the purpose of keeping the improved system in proper condition for traffic and for the preservation of the great investment already made by the State. The expenditure during 1918 for strictly necessary work of this character was estimated at approximately four million dollars and required the services of several thousand laborers and large quantities of material of various kinds. It was obvious that the conditions for road building during 1918 were to be more difficult than was the case in 1917 and that it would be impossible to build more improved roads in 1918 than in 1917. Therefore, it would be impossible to complete all of the 600 miles of roadway left under contract and also properly provide for the required maintenance and repair. Furthermore, the demand for labor, materials, and

transportation facilities for war industries and for farm purposes was such that the department felt that no more work should be undertaken than was actually necessary properly to maintain the existing system and to complete the torn up portions of the roads under contract, and thus render them fit for traffic and for those transportation purposes, which, at all times necessary, were then extremely urgent.

Hewitt Relief Bill

In furtherance of this plan the Legislature passed a bill (known at the Hewitt Bill) amending Section 132 of the Highway Law, giving the commissioner of highways the necessary authority to enter into agreements for the suspension of operations under contracts in force:

(A) Upon any portion of a roadway on which no work had been performed, and

(B) Upon any portion which was partly completed but where it was shown to be impossible to proceed because there was no market supply of necessary materials, or because of lack of transportation facilities therefor.

The law further provided that upon the completion of the torn-up portion of a road such portion could be accepted by the department, the contractor relieved from further responsibility therefor and be paid in full for the completed portion; the remainder of the contract could then be suspended until the close of the war upon a request signed by the contractor and the surety company.

The Hewitt bill was passed by the Legislature for the express purpose of meeting conditions peculiar to the Highway Department. It amended the Highway Law only and applied to highway improvement work only. It had no reference to any other of the State's activities. It indicated the belief of the Legislature that, on the one hand the best interests of the State and of the county would be conserved by this act, as the use of labor and materials which might be required for war purposes would thus be drafted to the least practicable extent; while on the other hand, by deferring the entire execution of all contracts until after the war a material relief would be afforded the contractors and their

sureties. It also indicated that, in the opinion of the Legislature, this was the greatest extent to which the State should, or could, then go; that the interests of the public demanded the immediate completion of the torn-up portions of the road, and that, in justice to the State, contractors and surety companies should be required ultimately to fulfil their obligations.

As the Federal authorities controlled the disposition and use of railroad transportation facilities and of some of the materials required in highway work, the policy of the Department and the extent of its proposed operations during 1918, both for construction and maintenance, were submitted to them, received their approval and their promise of the release of such materials and transportation facilities as might be required.

While this bill was pending in the Legislature and on March 26, 1918, this policy was fully discussed at a conference at which were present representatives of all surety companies interested in highway contracts, the attorney-general, and state superintendent of insurance and the state commissioner of highways. The surety companies agreed to the policy, and they stated that they would co-operate with the state officials along the lines indicated. As soon as the amendment became a law, all contractors and surety companies were notified, and it was suggested that applications for suspension as required by law should be filed promptly by those whose contracts came within its provisions.

Walters Relief Bill

On June 1, 1918, work was in progress on 45 per cent of the contracts in force. The remaining contractors did not resume operations; neither did they, except in a very few instances, file applications for suspension. A number of contractors stated that this was because of the refusal of the surety companies to sign the requests. Another reason was the desire on their part that this Department proceed under Chapter 585, Laws 1918 (known as the Walters bill) which authorized any municipality or the head of any State department to cancel existing contracts, reimburse the contractor for all losses sustained by him from April 6, 1917, to the date of cancellation, and permit him to complete the work covered by his contract and receive in payment the actual cost thereof.

This Department has found it impossible to proceed under Chapter 585, Laws of 1918, for the following reasons:

(a) The moneys available for highway improvement are obtained in part under a referendum act voted upon by the people authorizing the expenditure of \$50,000,000 for that purpose. The referendum provided that all of the \$50,000,000 should be distributed among the counties and used only for the construction and improvement of the highways designated for improvement by the Highway Law when the referendum was adopted. To use these moneys in the payment of losses would not only deprive those counties in which the contracts are located of a considerable future mileage of improved highways, but would also be in direct violation of the provisions of the referendum.

(b) The referendum further provided that these moneys should be expended, and the work for which they are used should be progressed, under the provisions of article six of the Highway Law. That article provides in detail for each step to be taken in the conduct of a contract. Plans must be prepared and approved by the Department and by the local authorities, advertisements for bids duly published, bids presented in a certain form prescribed by the statute, the contract awarded to the lowest bidder, payments of 90 per cent only made, monthly, as the work progresses, etc. Under Chapter 585, Laws of 1918, none of these safeguards are provided. No competition is permitted, no limitation is placed on the cost. On the contrary, the contractor is to be permitted to complete the work and be paid whatever expense he may incur. Article six of the Highway Law is not amended by Chapter 585, Laws of 1918. It is still in full force. It is in effect a part of the referendum. An act of the Legislature cannot change the provisions of a referendum. That can only be done by vote of the people. This Department is advised by the attorney-general that moneys provided by the referendum can only be expended in accordance with the directions contained therein.

(c) Plans, specifications and estimates of cost for each road are approved by the local authorities, and the county (except in the case of State highways, which constitute a small number) within which the road is located provides through local tax, certain moneys which are made available to the order of the Highway Department

for the purpose of paying the county's specified percentage of the amount of the contract. In many cases villages and towns also participate in the cost of the work, raising their moneys by local tax and making the same available to the order of the Department. While the contract for each highway improvement project is executed by the State Highway Department on behalf of the State and the Department has the supervision and direction of the work yet counties and villages are vitally interested as partners with the State in the transaction. Their moneys have been raised and placed in the hands of the State under a definite and precise agreement as to the purpose for which the moneys should be used; the extent to which they should be used and the return which is to be made for the expenditure. These conditions are all recited in the various resolutions adopted by the local authorities in the proceedings incident to their making available their share of the cost of the enterprise. In many instances the local moneys were raised by local referendum, and the proposition which was voted upon by the people of the locality prescribed the purpose for which the moneys should be used and the manner in which they should be disbursed. In no case did any county, village or town authorize the use of its moneys for the payment of losses incurred by contractors nor for the payment of work except under a contract awarded after competitive bidding. In the absence of any provision on this point being made by Chapter 585, Laws of 1918, it would appear that it was not the intent of the Legislature that the act should be applied in such cases; and, as a matter of fact, it cannot be applied.

Aside from the reasons given above which prevented the application of Chapter 585 to highway contracts, other considerations were involved in the declination of this Department to proceed under its terms.

Of the 186 contracts in force January 1, 1918, about 45 per cent have been progressed throughout the year. The remainder were abandoned, and it was mainly in regard to them that action by the Department under Chapter 585 was desired. Many of these contracts, had due diligence been shown, could well have been completed prior to April 6, 1917, and a large proportion of them could have been completed prior to January 1, 1918, as was the

case with a large number of other contracts awarded at about the same time which were progressed to completion under difficult conditions. The work yet to be performed to complete these abandoned contracts aggregates about 400 miles, amounting at contract prices, to approximately \$5,000,000, and the performance of each contract is guaranteed by a surety company bond for which a large premium has been charged. While this Department is not unmindful of the conditions which have prevailed, it has felt that its first duty was to protect the interests of the State, conserve for future highway improvement the moneys allotted from the \$50,000,000 bond issue to the various counties, and to that end that it should enforce the performance of the obligations of contractors and surety companies, at least to the extent at present of completing the torn-up portions of highways so as to render the same fit for traffic; and ultimately completing the entire contract.

Injunction proceedings

The efforts of the department in this respect have been materially retarded by numerous legal proceedings instituted by contractors and surety companies. In June, 1918, a formal demand was made on behalf of a number of contractors that the department apply the provisions of Chapter 585 to their contracts. Upon refusal, application was made to the Supreme Court by George H. McAvoy, contractor for County Highway No. 1419, on which the National Surety Company was surety, for an order compelling such action. The application was denied, whereupon an appeal was taken to the Appellate Division, which, about September 15, affirmed the decision of the lower court. Pending final decision, the department was unable to take any action towards the completion of the contracts involved.

In the meantime, advertisements were published calling for the submission on August 12, 1918, of proposals for the completion of a number of cancelled contracts which had been abandoned by the contractors and the roads left in an unfit condition for traffic. On August 10 there was served upon the Commissioner of Highways court orders in eight actions brought by the National Surety Company as surety and in two actions brought by the Royal Indemnity Company as surety, prohibiting the Commissioner of Highways from awarding contracts for the completion of the roads

referred to in the orders or from taking any steps towards their completion pending the decision of the Appellate Division in the action above referred to.

On August 31 an injunction order was served on this department in a proceeding brought by Smith Brothers, contractors for County Highway No. 1457, Westchester County, National Surety Company, surety, restraining the Commissioner of Highways from taking action towards the cancellation of said contract (which had been abandoned by the contractor and surety company) and its completion by the department under the provisions of a formal notice previously served upon the contractor and the surety company.

Some of the reasons given in the applications for the restraining orders were the alleged impossibility of securing labor, material and transportation facilities; and, further, that the surety company would incur a large financial loss if the contracts were to be completed.

It was not impossible to secure labor, material or transportation facilities, as was evidenced by the fact that 45 per cent of the construction contracts in force were then being steadily progressed to completion in all parts of the State and a very large amount of maintenance and repair work was under way. The supply of labor was limited and obtainable only with difficulty and at unusually high prices, but it was not impossible to obtain it. Arrangements, heretofore referred to, had been perfected by this Department with the Federal authorities whereby the release was promised of such material as might be required for maintenance and for the completion of construction contracts in force, and it was not impossible to secure such material. Prior to the construction season of 1918 this department took up with the Director General of Railroads at Washington the question of transportation facilities for highway work during the ensuing season and received assurances that if proper arrangements were made for the prompt unloading and dispatch of cars the necessary shipping facilities would be available to progress highway work. A bureau was organized in the department in charge of an experienced railroad man, and by this means, and

through cooperation on the part of the Federal authorities, transportation facilities have been available throughout the entire season.

Another reason given in the applications as a ground for the injunction was that labor and material which would be required to progress the roads should be devoted to other purposes necessary for the winning of the war. The inconsistency and disingenuousness of this allegation is immediately apparent when the actual facts are considered. The contractors and surety companies were endeavoring to compel the Highway Department to operate under Chapter 585 of the Laws of 1918, which provides that contractors should be paid for all losses from April 6, 1917, to date of cancellation, that the contract, so far as prices are concerned, should be cancelled, and that the contractor should then be permitted to complete the entire work at cost. The program of the department for 1918 work which had been submitted to and approved by the Federal authorities, on the other hand, was expressly limited to the completion only of the torn-up portions of highways in order that they might be made fit for traffic, and involved a very much smaller demand for labor and material than would have been the case had action been taken under Chapter 585 as demanded.

Distinction between canal and highway contracts

The fact that the State Canal Board has operated under the provisions of Chapter 585 in connection with some Barge Canal contracts has been urged as a reason why similar action should be taken by this department in connection with highway contracts. These conditions, however, were entirely different. The Barge Canal contracts were very few in number. The work was solely under the jurisdiction and authority of State officials. The moneys involved were solely State moneys, no county, town or village paying any portion of the cost. The State Legislature having authorized the State Canal Board to take certain action involving State moneys only, those officials were in position to exercise their discretionary powers without restriction. In the matter of the highway contracts, however, over one hundred in

number and aggregating several millions of dollars in amount, the funds alleged to be available are those provided under a referendum bond issue which specifically stated the manner in which they can be expended and for what purposes; together with the funds raised by counties, towns or villages, none of which can be expended in the manner provided by Chapter 585.

Recommendation

During the past twenty years over \$100,000,000 of State and county moneys have been expended in the improvement of public highways, all under contracts guaranteed by surety company bonds, for which it has been estimated premiums amounting to over one-half million dollars have been paid. Surety companies, during that long period, enjoyed a most safe and remunerative business. Up to the present time, conditions have been such that very few, if any, losses have been suffered by the surety companies. Now that an emergency has arisen, the responsibilities, for the assumption of which large premiums have been paid, are disclaimed.

The premium paid by the contractor to the surety company for the bond guaranteeing the performance of the contract, constitutes an important item of expense which is included by the contractor in the price for which he agrees to do the work. In the last analysis, therefore, the premium is paid by the State.

In view of these conditions, the question naturally arises as to the expediency of the State continuing to incur the expense of surety company bonds on highway contracts or other obligations with the State, if the State is not to receive the protection which it assumes it is purchasing. The magnitude and extent of highway work, both construction and maintenance, by State aid, is such that personal bonds by private individuals cannot be considered. The State carries its own compensation insurance. It carries its own insurance against loss on State buildings by fire. It would seem that a plan could be evolved by which the State could insure its own contracts and thus receive the protection for which payment is made; and the attention of the Legislature is directed to this subject for such consideration as it deems advisable.

ABANDONED CONTRACTS

The final disposition of the contracts which have been abandoned (some of which have been cancelled, and the legal status of the remainder being such that cancellation may be had at any time) presents a very difficult and pressing financial problem.

Highway Fund sources

In order clearly to comprehend the situation a knowledge of the sources from which the moneys are obtained is necessary. They are as follows:

A. Moneys derived from the second 50 million dollar referendum bond issue, which moneys have been allotted to each of the several counties for the purpose of paying:

1. For the entire cost of the improvement of State highways in that county; or,
2. For the State's share of the cost of county highways in that county, varying from 65 per cent to 92 per cent.

B. Moneys appropriated by resolution of the board of supervisors (upon plans, specifications and estimates of cost prepared by this Department) for the payment of the county's share of county highways, varying from 8 per cent to 35 per cent. These moneys are raised by local taxation in the county, deposited with the county treasurer and held by him subject to the draft of the State Commission of Highways. They can be used only for the payment of the cost of work as it progresses on the particular road for which they are appropriated.

C. Moneys provided in special cases by villages or towns in which a State or county highway is under improvement, and where, at the request and expense of the village or town, a wider roadway or more expensive type of construction is furnished than was contemplated by the State. These moneys (usually raised by local referendum) are deposited with the State Comptroller, subject to the requisition of the State Commission of Highways, and can be used only for

the payment of the cost of the work as it progresses on the particular road for which they are provided.

The moneys set aside as above described for the improvement of any highway are based upon a preliminary estimate of this Department, which is usually the amount required approximately for the share of each municipality under the contract subsequently awarded. The 10 per cent of the contractor's monthly earnings, which are withheld until the final completion of the work, and the bond furnished by the surety company in the penal sum of 50 per cent of the contract price, have been relied upon to furnish funds with which to complete any contract which might be abandoned by the contractor. All highway contracts contain a clause whereby the surety company agrees, in case of the default of the contractor and within ten days after a contract for the completion is awarded, to pay over to the State the amount of the excess cost occasioned by such abandonment and reletting. Funds would thus become immediately available for the completion of the work.

In all of the cases under consideration, however, the 10 per cent retained is utterly inadequate, and the surety companies have refused to pay any excess costs in the cases where demands have been made and have virtually notified the Department that they will refuse to do so on all other contracts for which they have furnished bonds. It is claimed by the contractors and the surety companies that the unprecedented conditions caused by the war relieve them from the obligations assumed prior to the war. Questions of fact and of law are involved which it is believed have never before in the history of this country received judicial determination, and contractual rights and obligations, not only in this State, but throughout the entire country are involved. Years of litigation may be consumed before final decision is reached. It is impossible to foretell what that decision may be.

Additional funds required

In the meantime, and as soon as practicable, provision should be made for the physical completion of the contracts which have been abandoned and cancelled and of those which have been

abandoned and can be cancelled. The additional amount required to do this, at present prices, over and above the moneys heretofore provided is estimated at approximately \$3,000,000.

Where villages and towns are concerned it is improbable that they will be either willing or able to provide any part of this sum. The State has no right to use any bond issue moneys allotted to a county to pay for the additional expense which under the law is to be borne by the village or town. On the other hand, the same reasons which lead to the provision for additional width or better type require the completion of the contract in its entirety and on the approved plans.

It is also improbable that counties will be able, at least in many cases, to appropriate and raise by local taxation or bond issues additional moneys for the county's share of the cost of the work.

There is at present but one available source, therefore, from which any moneys are available, and that is the bond issue moneys allotted to the counties. The Attorney-General has rendered an opinion to the effect that from such moneys allotted to a county there may be advanced such sums as may be required for the State's share and for the county's share of the cost of the completion of a contract.

There are several serious objections, however, to this procedure. As stated above, where villages or towns are involved it would not provide all the moneys required. Aside from that is the effect which this would have upon future highway improvement in many counties of the State. If bond issue moneys are to be used for the excess cost in the completion of these abandoned contracts, the entire available balance in some counties at the prevailing price of labor and material will be exhausted. In some counties there are not now sufficient moneys remaining. In other counties the allotment will be so materially impaired that the mileage possible under future improvement will be greatly diminished and carefully worked out plans for a connected State-wide system in conjunction with federal aid rendered impossible of fulfillment. Furthermore, pending the final completion of the roads in question, and the determination of the actual amount required to be taken from the allotment for that purpose, the award of new contracts in the counties involved must necessarily be deferred.

Frequent suggestions have been made that some plan should be devised for the relief of the contractors from the burdensome conditions which have confronted them since April 6, 1917, but after careful thought the Department has not been able to conceive of any plan which equitably could bring about such relief and, therefore, feels compelled to rely upon the provisions of the Highway Law under which the contracts were executed. If a plan could be devised by which the loss should not fall wholly upon the State, but could be distributed between the State, the contractors and the surety companies, it would seem to be a fair and proper course to pursue. The Department has so far been unable to devise such a plan for the reason that no action on the part of the Legislature looking to such a distribution could legally impose upon the contractors or the surety companies without their consent conditions other than those already contained in the contracts and bonds in force, and the number and variety of interests involved are such as to render it very doubtful that such an arrangement could be brought about by mutual consent.

There seems to be but one method clear of all complication by which all of these cancelled and abandoned contracts may be immediately progressed to completion, and that is by an appropriation from the general treasury by the Legislature of the additional moneys required. If such an appropriation is made all contracts which have been cancelled, and those which have been abandoned but not yet cancelled (and which should be cancelled if work is not resumed by the contractors on or before, say, May 1, 1919), could be advertised and let for completion and the work promptly progressed. In the meantime, the amount of excess cost in each case, as determined by such reletting, would constitute the basis for a demand upon the contractors and surety companies for payment thereof. Should such payment be refused the claims could be placed in the hands of the Attorney-General for collection, and an opportunity would thus be afforded for the courts to determine the question as to the liability of the contractors and surety companies. If recovery is made by the State the moneys received would reimburse the State for the expenditure. In the meantime these much needed roads would be progressed to completion and become available for use as a part of the improved highway system of the State.

RECONSTRUCTION PERIOD

Many grave and exceedingly difficult problems confront the Department in connection with the resumption of its normal activities. It is highly desirable that highway improvement by State aid should be resumed at the earliest practicable time and to the greatest extent possible, but unless due consideration is given to the conditions and causes which have prevented the award of new construction contracts during the past two years and sufficient time be given for the alleviation of those conditions, the ultimate amount of improved mileage which the various counties may receive will be very materially and unnecessarily diminished.

Pre-war and present prices

The fact is generally recognized, and it has been the subject of official comment by the federal authorities, that even though the war may be over, the supply of labor, and particularly of unskilled manual labor, such as is largely employed in highway improvement work, will not for some time to come be adequate to meet the demand. Labor forms a large percentage of the cost of improved roads, varying with the type of construction. It would be useless to advertise contracts for letting unless the estimates of cost were based upon the prices of labor and material prevailing at the time of such letting. Unless a very speedy and material reduction in those prices occurs the State would have to be prepared to enter into contracts by which it would pay approximately \$18,000 per mile for waterbound macadam roads which, prior to the war, cost \$12,000 per mile; \$23,000 per mile for bituminous macadam roads formerly costing \$14,000; \$28,000 per mile for concrete roads formerly costing \$18,000, and \$35,000 for brick roads formerly costing \$25,000. If this increased cost were to apply only to a very few roads it is possible that the benefit derived from their speedy completion might warrant the additional expense, which in the aggregate would not be extremely large. The work of this Department, however, is necessarily conducted upon a very large scale. It is not a question of awarding contracts for a few roads here and there, but a question involving the work throughout the entire State and the expenditure of many millions of dollars annually when work is resumed. During 1915, the

last year when normal conditions prevailed, contracts were awarded for the improvement of 1,073 miles of highways, aggregating \$11,790,000. At the present prices of labor and material but little over one-half of this mileage could be awarded for the same amount of money.

Increased cost reduces mileage

These facts are of direct and peculiar interest to the citizens of the various counties for the reason that the only moneys available for highway improvement are those derived from the second 50 million dollar bond issue, authorized by the Referendum Act of 1912. All of these moneys were apportioned among the various counties and are available for use only in the counties to which they were allotted for the purpose of constructing State highways in those counties or paying for the State's share of the cost of constructing county highways in those counties. The system of State and county highways for which these moneys may be used has been definitely determined and fixed by law. In nearly every county the mileage thus designated exceeds the moneys available for their improvement. During the past four years this Department has steadily kept in mind the great necessity of expending the moneys thus allotted to the counties in such a manner as would to the greatest possible degree provide not only for the completion, so far as practicable, of each county system, but also the completion of a connecting system of improved roads throughout the entire State. Numerous conferences have from time to time been held with the local officials of nearly, if not quite, all of the counties, whose co-operation has been sought and obtained for the purpose of bringing about this result. A number of the counties have availed themselves of the authority conferred by an amendment to the Highway Law by which counties may pay as high as 50 per cent of the cost of county highways, thus conserving their allotment of bond issue moneys for additional mileage.

Very important and timely assistance in this connection was afforded by the passage of the Federal Aid Act, under which approximately \$8,000,000 of federal and State moneys combined will become available for highway improvement. Careful study

shows that the use of these moneys would, to a large extent, provide for the improvement of those uncompleted gaps in the State system for which funds would not otherwise be available. Full provision in all cases, however, are still lacking, and in those cases the entire matter was laid before the boards of supervisors of the respective counties, which were informed as to the possibilities of completing their county systems by the use of federal aid, providing some modifications were made by them in the designation of their county systems. Such modifications were made, and as a result thereof the completion of the entire State-wide system of connected highways was thought to be insured.

These arrangements were perfected prior to the great increase in the price of labor and materials; and the estimates of cost upon which the allotment of moneys and the distribution of mileage were made were based upon the prices then prevailing. As stated above, the present prices were so largely in excess of those upon which the estimates were based that it would be impossible, if contracts were to be awarded during the prevalence of the present prices, to improve the contemplated mileage or to complete the entire connected system throughout the State.

Revised estimates necessary

In order that the organization and equipment of contractors may be utilized to the utmost during the working season, it is essential in the normal operations of the Department that contracts be advertised in considerable numbers and that contractors be permitted to take on sufficient work so that, as soon as one contract is completed, the organization and equipment immediately may be transferred to another contract and work progressed without loss of time. It is also advisable that contractors secure, prior to the construction season and during the winter or very early spring months, sufficient work so that operations may be commenced as soon as weather conditions permit. A considerable quantity of work is also usually carried over from season to season, and for this reason the possibility exists that if large quantities of work were to be awarded at the present prices for labor and material, and should a reduction in such prices occur during the ensuing year, the State might find itself in the position of paying extravagant and unwarranted profits for the work so placed under contract.

The moneys used for highway improvement purposes are derived in part from moneys allotted to the counties from the bond issue and in part from moneys raised in the counties by local taxation. The improved roads, while forming a part of the entire State system, are necessarily of special value and interest to the citizens of the counties within which they are located, and the citizens of each county are peculiarly interested in securing as large a mileage of improved roads in that county as possible. It being largely the county's funds which are to be expended, it would seem that the county authorities justly would be entitled to express their opinion as to whether or not contracts should be advertised and awarded at the present prices of labor and material, and a smaller mileage thus procured; or whether operations should be deferred until a lower and more normal level of prices is reached and a correspondingly increased mileage of improved roadway thus obtained. As none of the estimates heretofore made for roads, plans for which were prepared prior to the war and which have been deferred by reason thereof, will be sufficient under present conditions, revised estimates will be made and forwarded to the boards of supervisors of the counties and an opportunity given them to express their desires in the matter.

Work of first importance

In considering the immediate award of new contracts, it must be borne in mind that many road contractors heretofore engaged in this business have disposed of their plants to the federal government, some have gone into other lines of work, while others are financially unable to continue the business, and for these reasons the number of responsible and competent contractors capable of handling a large mileage will be materially reduced from that of former years. Furthermore, there are now in force contracts aggregating a considerable mileage which will undoubtedly be progressed to completion, as well as that included in the abandoned and cancelled contracts hereinbefore referred to. These will aggregate approximately \$6,000,000 in addition to the usual maintenance and repair, amounting to about \$5,000,000 more.

In view of these facts and conditions as to present prices, availability of labor, reduction in the number of contractors, plant and

equipment, and work now on hand, it would seem that the best interests of the State and of the counties would be conserved by first bending all energies during the coming season to the completion of all unfinished work, when both the Department and the contractors would be in position to take up a large quantity of new work at normal prices and to conduct the same in a speedier and more advantageous manner for all concerned, and in order that when that time arrives the Department may have funds available with which to proceed with the letting of contracts for new work, it is deemed advisable that an appropriation of \$5,000,000 be made from the second 50 million bond issue.

EMERGENCY APPROPRIATION OF 1918

Highway improvement by State aid was commenced in this State in 1898, and during the succeeding ten years about two thousand miles of improved road were constructed. The extensive use of automobiles and motor trucks was not foreseen nor anticipated, either here or abroad, and the macadam type of construction, universally accepted throughout the world as a proper and sufficient method for horse-drawn vehicles, was used in this State during that period. Beginning with 1910, tar, oil and bituminous material came into use in connection with the construction of macadam roads, and as the volume and extent of motor-propelled traffic increased, changes were made in the specifications for the purpose of strengthening the roads to meet the existing conditions, and as rapidly as possible the top course, or wearing surface, of the older roads was reconstructed.

Army motor truck traffic

Early in the winter of 1917-18 the federal government began the shipment of army trucks from Buffalo and western points to the seaports. These trucks went forward under their own power, large numbers using the improved highways of this State. The trucks were in the main five-ton trucks, that is, having a capacity when loaded of five tons, the combined weight of truck and load being approximately 25,000 pounds. Many thousands of these trucks passed through this State during the year over the main improved route from Buffalo to Albany and thence southerly on

the east side of the Hudson river to Beacon, crossing the river at that point and proceeding by way of Newburgh and Suffern to the New Jersey line. Much of the route thus utilized consists of roads which were among the earliest improved by State aid, long prior to the use of motor trucks and, in many instances, even antedating the use of motor touring cars.

Not only was this motor truck traffic continuous and of great volume, but it was carried on during the spring months when the frost was leaving the ground and the roads were most susceptible to damage from such excessive traffic. The extent and volume of this truck traffic and its continuous duration caused apprehension by the department as to its effect upon improved roads, and it was reassuring to find at the close of the season that with two principal exceptions much less substantial or permanent damage had apparently been done than had been anticipated. The exceptions referred to occurred in widely separated parts of the State. The attention of the Federal authorities was early called to the fact that a considerable portion of the improved road in the western part of the State was showing signs of disintegration and it was suggested that, if possible, traffic be deferred wholly or in part until the frost had left the ground. The exigencies of the war would not permit of this, and the shipments of convoys were continued; and portions of the road in that locality, as the result of their use under such conditions, were destroyed. A somewhat similar situation occurred at one point in the eastern section of the State. The Legislature being in session, the matter was duly reported and an emergency appropriation was immediately provided. The department exerted every effort and all of the injured roadway has been entirely reconstructed, without delaying or interfering with the continuous use of the roads in the meantime.

The emergency appropriation also contained provision for the strengthening of all bridges on the route used by the army trucks. A careful examination of such bridges was made early in the season and all of the necessary work performed to render them safe for traffic.

Authorization was also provided for the necessary work to be performed on the Middle Country Road on Long Island, used as a means of access to the United States Army reservation in and

about Camp Upton. By utilizing the organizations and equipment of the town superintendents, this work was accomplished at a very moderate cost per mile, and a well graded road with a wearing course of oil and screenings was provided.

Snow removal

Considerable difficulty was encountered by the army trucks due to snow, and the emergency appropriation contained an item of \$50,000 to be used by this department in the removal of snow during the winter of 1918-19 on the principal routes across the State used for the transportation of army trucks. The removal of snow from public highways has heretofore been solely the duty of the town authorities. Each town is authorized by law to raise such an amount by taxation as it deems necessary for snow removal purposes. The State has heretofore made no appropriation for the purpose, nor has this department had any jurisdiction over this work. The use of the appropriation is limited to the highways used by the army trucks, in other words, approximately 600 miles. The average amount per mile available is therefore small. After careful study of the methods of snow removal by the officials in adjoining States, the conclusion was reached that the most effective results could be obtained by the erection of snow fence, the purchase of a number of plows to be operated by motor trucks and the utilization of the organizations and equipment of town superintendents, and cooperation with them in the work which they were to do with their own funds. A large quantity of snow fence has been constructed and erected; motor driven plows have been purchased and the necessary arrangements made for the operation of the plows by trucks, and also for the use of teams, plows and scrapers.

Considerable apprehension has been evinced by the owners and users of horse-drawn vehicles that the removal of the snow would render the roads impassable for such vehicles. On the other hand, the most effective use of the highways for motor-driven vehicles is obtained by the removal of all of the snow. Due and proper observance of the rights of both classes of vehicles should be given and, so far as practicable, the work of snow removal carried on in such a manner as will interfere with neither.

MAINTENANCE AND REPAIR

The mileage of state and county highways constructed and in use up to the present time is approximately 7,300. These roads have been constructed over a period of 20 years. The greater portion of them has been constructed during the past ten years. All the roads constructed prior to 1910 were of the so-called waterbound macadam type, which was practically the only then known standard for use upon rural highways throughout the world. The great and extensive system of roads built in Europe is of this type. Beginning with 1910 the bituminous bound macadam road came into use. Since that time it has been extensively built, and our own system now has about 3,600 miles of that type. In the last five years this State has also constructed many concrete roads, the mileage built each year during that period exceeding that of the year before. The entire mileage of completed state and county highways in this state is approximately composed of the following types:

	Miles
Waterbound macadam	2,400
Bituminous bound macadam	3,600
Concrete pavement	600
Brick pavement	560
Miscellaneous heavy types of pavement.....	140

With the advent of the automobile a serious problem was soon presented. The speed of these vehicles and their tendency to lift all loose particles from the road resulted in the disintegration of the surface and threatened the destruction of the entire system. The use of oil for surface treatment met that difficulty. The use of the automobile has since grown enormously, but the loads to which the roads were subjected by this new kind of traffic were not excessive and highway engineers were enabled, by the use of oil for binder and surface treatment, to continue designing and building to a large extent the macadam roads in use before the advent of the motor car. During the last few years the efforts of this department have been devoted to the construction of heavier and more durable types of pavement. Where possible to do so,

notwithstanding the increased cost of the more durable types, the State has resorted to such construction.

At the present time the completed system in the State is in good repair. The amounts expended for maintenance for several years past have not been increased materially although the mileage has increased and there has also been a steady increase since the latter part of 1915 in the cost of labor and materials. During each of the last several years the maintenance appropriation has included sums for the resurfacing or reconstruction of the older and most used highways. During recent years and until 1918 about 200 miles of this class of roads had been resurfaced each year. Plans were prepared for the reconstruction and resurfacing of a limited mileage in like manner during the year 1918, and the necessary sum therefor was included in the department request to the legislature for the 1918 appropriation. Conferences held by the finance committee of the senate and the ways and means committee of the assembly and this department resulted in the elimination for the year 1918 of \$1,600,000 designed for reconstruction. It was agreed that such work, if undertaken, would be difficult to perform, would be a great drain upon labor more needed in other pursuits during the war, would add to the burden imposed upon the transportation facilities of the State and would be unduly expensive because of the unusually high prices of both labor and material. The annual appropriation for 1918, amounting to \$3,787,383, was expended by this department wholly for the general maintenance of the 7,000 miles of improved State and county highways.

At the beginning of the year the attitude of the federal government toward all kinds of public work involving the employment of labor and the use of materials assumed definite form and resulted in the promulgation by the government of definite and exact rules and requirements pertaining to the same. A very complete and satisfactory organization was effected and a governmental body called the United States Highways Council, representing the principal governmental activities, was formed, which acted in conjunction with the federal office of public roads. The approval of the Council was necessary for the release of materials. The plans of this department for maintenance and repair were

submitted in detail to and approved by the Council, with the result that, notwithstanding the difficult conditions obtaining during the year, our necessary work proceeded without undue hindrance. Before the close of the season it was possible to get the whole State system in a good condition of repair. The details of the season's work are fully set forth in the report of the second deputy commissioner which accompanies this report.

MOTOR TRUCK TRAFFIC AND ITS EFFECT UPON CONSTRUCTION, RECONSTRUCTION AND MAINTENANCE

Attention has been called in previous reports of this department to this very important subject. In view of the developments of the past year and the indications as to the future, it becomes the duty of the department again to urge the necessity of prompt and decisive action by your honorable body, not only for the purpose of conserving the large investment already made by the State and its political subdivisions in improved highways; but also in order that future improvement may be placed upon a definite basis. In approaching the subject it must be borne in mind that the conditions referred to are not singular to this State. They are nationwide, and in fact, world-wide. It should also be understood that the object sought to be attained is not a curtailment of the legitimate use of the highways; but rather their preservation so as to enable them to meet the expansion of traffic which new and unfolding events now indicate will surely come in ever increasing extent, and this should be done in such a way as not to impose upon the citizens of this State a huge financial burden. Highway officials and engineers desire to permit the use of, and to provide for, the largest loads possible in order that commerce may be promoted. On the other hand they are extremely anxious that the very large expenditures heretofore made in highway improvement should not be lost, and also that a basis be fixed for future expenditures.

All of the highways of the State are rapidly becoming of greater value in a commercial way, because of the advent of the motor car and the motor truck. The former is already in wide, general use, and the latter is rapidly coming into general use. During the year 1918 there were 365,110 motor cars and 75,035 motor trucks licensed in this State alone. The motor truck is

a commercial necessity and promises to be of very great value in transportation. As far as possible, therefore, provision should be made for its use. It presents, however, two new and difficult problems:

What can and must be done in the maintenance of the existing improved highways properly to provide for present and future traffic; and what maximum standard type of construction should be adopted for future improvement.

A determination as to the first question practically answers both as it is impossible to differentiate to any considerable extent between different roads or different sections; or between those now improved and those hereafter to be improved. Every improved road forms a part of an intercommunicating system. Every road, immediately upon its improvement, becomes available for, and may be called upon to sustain the heaviest kind of traffic. The improvement itself which makes possible the use of a road, induces a traffic previously impossible. The subject must, therefore, mainly be considered with the entire system taken as a unit. In this connection there also should be considered the 12,000 miles of roads improved by the towns and the counties and which are tributary to the State system. These roads are substantial, well designed and ample for the traffic for which they were designed. They are not adapted to the heaviest kind of traffic. This traffic as yet has not used them to any extent, but it is growing and naturally will ramify. Extensive plans are proposed for various kinds of rural truck transportation, including mail and parcel-post, and as that traffic develops it will use not only the State system but the town and the county roads also to a large and increasing extent.

The greater portion of the improved State system was constructed before the advent of the motor truck and is of varying types. While adequate in the main for trucks of the capacity most commonly used it is not adequate for the very heavy truck; and in considering this subject a distinction should be made between the use of those motor trucks, which though of relatively large size and capacity have been demonstrated as being within proper economic limits and adapted to general use, and those of

excessive weight and capacity, and usually employed for special purposes and under special conditions.

There is a difference of opinion as to just where the line of demarcation should be drawn. The general demands of traffic clearly are indicated by the licenses issued in this State during 1918. Of the total 440,145 motor driven vehicles licensed, 83 per cent were motor cars, 14 $\frac{4}{10}$ per cent were motor trucks with capacity of from one to five tons inclusive, and only 2 $\frac{6}{10}$ per cent were motor trucks with capacity of more than five tons.

Due provisions for the 83 per cent represented by motor cars, both in the matter of existing roads and in future construction, can be made at little additional expense. The difficulty lies with the remaining 17 per cent licenced as motor trucks. As stated, 75,035 of such trucks were licensed in 1918. Of this total 41,886, or more than one-half, were two-ton trucks; 11,257 were three-ton trucks; 5,185 were four-ton trucks; 4,986 were five-ton trucks and 11,721 were trucks of from six to fourteen tons capacity. It safely may be said that the highway problem involved does not begin until after the limit of the three-ton truck is passed, and becomes acute in the extreme when the use of say, the six-ton and greater capacity truck is contemplated. It seems clear that the proper limitation lies between the extremes above stated.

Obviously the difficulty involved is great, even within those limits, because the lighter and older roads of the State system, as well as those of similar character of the county and the town systems, must be considered, and at the same time commercial progress must not be unduly hampered or restricted. At all times it should be born in mind that the traffic is new and unexpected and has out-run construction; and no satisfactory solution can be reached without much reconstruction. Because of this the problem is to a very large extent an economic one, as it squarely presents the proposition as to how much money the people of the State and of the counties and the towns are willing or able to spend. But the experience of the past year in this State and elsewhere has shown beyond question that if the general system of highways is to be thrown open without restriction to all motor trucks, not only will an enormous expenditure be required for the immediate reconstruction of the entire system already built; but the expense of

all future improvement will be very materially increased by reason of the more expensive type of construction required.

The action of the United States Government in designing the army motor truck for war use is interesting and significant.

After exhaustive experiments the War Department adopted the five-ton truck as the heaviest truck required for war needs, and purchased an enormous number of that size. In due time it is expected that these trucks which have been sent to France will be brought back and it is proposed, in part at least, that they be used by the Post Office Department in connection with an extension of the rural mail delivery and parcels post. Many thousands of these trucks are also now being manufactured and delivered to the government under contracts executed before the signing of the armistice, and these trucks will remain in this country and be used by the government or sold and used for commercial purposes.

It is generally agreed by all — makers and users of trucks as well as highway officials and engineers — that there should be a limit to the total weight of the motor truck which is to be used upon rural highways. Of course there must be provision for the scientific and proper distribution of the load as well as the limit of the total load. The latter, however, is the main consideration, because the former easily can be determined after the question of total load is fixed. At the last session of the Legislature a law was enacted which limited the total weight of trucks to be used upon rural highways to 25,000 pounds for the combined weight of load and vehicle. The act merely limited the load and contained no provisions as to distribution and can be regarded only as preliminary to a law of wider scope which should be enacted. At the time the bill was introduced it was evident that all of our highways were being subjected to unusual loads growing out of war conditions. Large numbers of army trucks were crossing our State. These trucks fell well within the limitation of the law referred to; but there developed a demand for the right to operate trucks of even greater capacity. That demand still exists.

The whole problem centers upon the one question: What is the heaviest motor truck, with load scientifically distributed, which can be used upon existing highways without their destruction and with full consideration for the economic question involved?

As far as possible certain portions of the existing system must in time be reconstructed to equal whatever standard for traffic may be adopted. The question is partly one of cost, but that of time is also involved. The cost of all types of road at the present time is exceedingly high. It is not expected that these costs will revert, for several years if ever, to those obtaining prior to 1916. It has taken nearly twenty years to construct the existing system of State highways while the town and county roads have been built almost wholly within the last fifteen years. Interference with traffic is also seriously involved in any extensive plan for reconstructing the existing system.

As for future improvement, it also should be governed by a definite standard in order that proper provision be made and that highway engineers may know the extent of the burden to be borne by the roads which they are called upon to design.

New York State is surrounded by populous commonwealths engaged in commerce similar to its own. This Department has been in communication with their officials and finds generally that the same problems exist for want of limitations and regulations which can be counted upon to last, and which establish a basis for intelligent action.

It is, therefore, highly desirable, and it is recommended, that necessary and proper laws be enacted along the lines herein suggested; and that an attempt be made to procure, so far as practicable, uniformity of action between this and surrounding states.

ACQUISITION OF TOLL BRIDGES

In the January 1, 1918, Annual Report of this Department reference was made to the acquisition, under Section 269 of the Highway Law, of the Congress street toll bridge, connecting the city of Troy with the city of Watervliet, and the Greenbush toll bridge, connecting the city of Albany with the city of Rensselaer, stating that it had been determined that it was for the best interests of the State that these bridges should be acquired. In accordance with the statute, negotiations were entered into between this Department and the owners of these bridges for the purpose of agreeing, if possible, upon the compensation which should be made for the bridges, their appurtenances, franchises, their rights

for the maintenance and use, and any and all damage which should result to such owners by reason of the taking of the bridges. In arriving at a determination as to the valuation which would be a fair compensation to be paid by the State, the engineers of this Department were very materially aided by an expert bridge engineer from the Department of the State engineer and surveyor and an expert accountant from the Public Service Commission of the second district. A most thorough and careful investigation was made, both as to the physical condition of the structures and as to the revenues derived therefrom and the fixed charges and annual cost of operation and maintenance.

Greenbush bridge

An agreement was reached with the owners of the Greenbush bridge whereby the State was to acquire the title thereto, together with all rights, privileges, franchises, etc., upon the payment of \$890,000, which agreement, in accordance with the statute, has been reduced to writing, duly executed and filed in the office of the State comptroller. It was agreed that the present owners of the bridge should continue such ownership and use until moneys should become available by Legislative appropriation for the payment of the agreed price, upon which payment title to the bridge should immediately vest in the State.

Congress street bridge

No agreement was reached between the State and the owners of the Congress street bridge, and, in accordance with the provisions of the statute, the state commissioner of highways reported to the attorney-general, under date of April 3, 1918, that he had determined that public interest demanded the acquisition of the bridge; that his estimate of the proposed cost of acquiring the same, together with the franchises and rights and the amount of any and all damage incurred by such acquisition, is the sum of \$800,000; that, having failed to perfect an agreement with the owners of the bridge for its acquisition by the State for that sum, the matter was presented to the attorney-general, as provided by law, in order that condemnation proceedings might be instituted.

The law provides that upon the receipt of such certificate of approval, if and when sufficient money shall have been appropriated by the State therefor, the attorney-general shall apply to

the court for the appointment of a commission for the purpose of appraising the value of the bridge, its franchises, rights and any and all damage which shall result to its owners by reason of its acquisition by the State. Until such an appropriation has been made, no action can be instituted by the attorney-general and, consequently, no further steps taken towards the acquisition of this bridge.

All of the duties imposed by statute upon this Department in connection with the acquisition of these toll bridges have been performed. Upon payment of the agreed sum to the owners of the Greenbush bridge, immediate possession by the State can be had and the bridge will become free from tolls. An appropriation by the Legislature for the Congress street bridge will enable the attorney-general to progress the condemnation proceedings necessary to the acquisition of that bridge.

Maintenance and operation of bridges

The law authorizing the acquisition of toll bridges provides that upon the title vesting in the State they shall be maintained and operated by the State as free bridges and as a part of the State system of highways. A revenue will be derived by the State from the use of such bridges by railroad or other public utility companies. This revenue, however, even though sufficient for maintenance and operating expenses, must in the first instance be paid into the State treasury and become a part of the general funds of the State. Immediately upon the State's assuming ownership and the duties of operating the bridge a fund will be required to provide for the expense of such maintenance and operation. Should an appropriation be made, therefore, for the acquisition of the bridge, an appropriation should also be made for sufficient funds for its proper maintenance and operation.

The law states that the bridge "shall be maintained by the State as a free bridge and as a part of the State system of highways." This would indicate that the State Department of Highways would be charged with the duty of maintaining and operating the bridge. It is recommended that the law be amended and

the maintenance and operation of the Greenbush bridge, and also of the Congress street bridge, upon their acquisition by the State, be placed in the State Department of Public Works. Both the Greenbush and the Congress street bridges are swing bridges, operated by complicated and extensive mechanical apparatus. For at least eight months in the year this apparatus is in constant use, opening and closing the bridges as boats pass up and down the river. Not only must skilled men be in constant attendance for the ordinary daily operation of the bridge, but there must also be available at any moment such additional skilled aid as may be required in case of accident to, or breakdown in, any part of the bridge, machinery or apparatus. Supplies and extra parts must also be kept immediately available. The Superintendent of Public Works has under his charge the maintenance and operation of a large number of structures on the Barge canal system, including lift and swing bridges. He already has in his department skilled workmen whose services would be available at any time in emergency. He also has in the immediate vicinity of the location of these bridges the necessary apparatus by which any repairs that may be required to the substructure, piers, foundations, etc., could be reached and made. He also has the necessary storehouses within which the supplies and parts required could be safely kept. The State Department of Highways has none of these facilities. No part of its duties include the maintenance and operation of bridges; its work pertains solely to the improvement and maintenance of highways. In order properly to maintain and operate either or both of the bridges in question and to provide against all possible emergencies, it would be necessary for the Department of Highways to build up, at very large and unnecessary expense, the same kind of organization as that which now exists in the Department of Public Works.

AMENDMENTS TO CONSTITUTION AND REFERENDUM RELATING TO HIGHWAY IMPROVEMENT

Restrictions removed from forest preserve lands

Section 120 of the Highway Law, which became effective on January 1, 1909, describes the highways which are designated as State highways and thus become eligible for improvement at the

sole expense of the State. State Route No. 25, as therein described, commences at Whitesboro, near Utica, runs thence northerly to a point near the junction of Herkimer, Lewis and Oneida counties; thence northeasterly to a point on the dividing line between Herkimer and Hamilton counties; thence easterly to Blue Mountain lake; thence northerly to Long lake, and thence easterly to a point on the dividing line between Hamilton and Essex counties.

The improvement of that portion of this route extending from Whitesboro to Old Forge, in Herkimer county, and of that portion extending from Long lake to the Essex county line has been completed. The improvement of the intervening portion has been impossible heretofore for two reasons. One is the fact that the moneys allotted from the second 50 million dollar bond issue to the counties within which this route is located, for the improvement of State routes, are not sufficient for this purpose. Another reason is the prohibition heretofore contained in section 7 of article 7 of the Constitution, which reads as follows:

“The lands of the State, now owned or hereafter acquired, constituting the forest preserve as now fixed by law, shall be forever kept as wild forest lands. They shall not be leased, sold or exchanged, or be taken by any corporation, public or private, nor shall the timber thereon be sold, removed or destroyed.”

By concurrent resolutions adopted by the Legislature and approved by the people at the general election held in November, 1918, this prohibition, preventing the improvement of Route No. 25 where the same crosses forest preserve lands, is removed by the following clause added to article 7, viz.:

“Nothing contained in this section shall prevent the state from constructing a state highway from Saranac lake in Franklin county to Long lake in Hamilton county and thence to Old Forge in Herkimer county by way of Blue Mountain lake and Raquette lake.”

The great Adirondack region occupies much of the northern portion of the State. Improved highways already constructed extend north and south on the eastern and western sides of that

district. The entire improvement as now authorized by the constitutional amendment above referred to would provide a connecting link between the extreme eastern and western parts of the State of great commercial value and would also provide ready access from different points to the heart of this region with its wonderful scenic beauties.

With the constitutional provision removed, the only remaining obstacle to the improvement of this road is the lack of funds, and when the same shall have been provided there is no reason why the work may not promptly be undertaken.

Referendum amended as to use of money

Chapter 298 of the Laws of 1912, approved by the people at the general election of that year, authorized the issue of \$50,000,000 of bonds (known as the second 50 million bond issue). Twenty million dollars of the sum thus authorized were to be used solely for the improvement of State highways and \$30,000,000 for the State's share of the cost of the improvement of county highways. All of the moneys authorized were apportioned among the several counties on a basis established by the three factors provided by the act. By the terms of the act none of the moneys thus allotted to a county for State highways, nor any of the moneys allotted to such county for the State's share of the cost of county highways, could be used in any other county, nor in that county for a purpose other than that designated. The only State highways for the improvement of which moneys thus allotted to a county could be used were those designated by section 120 of the Highway Law prior to the approval by the people in 1912 of the referendum act. The only county highways for which such moneys thus allotted to the counties could be used were those indicated upon the map as approved by the Legislature of 1907, or as subsequently amended by resolution of the board of supervisors, as provided by section 355 of the Highway Law. In some of the counties the total mileage of highways eligible for improvement as such with the moneys derived from the second 50 million dollar bond issue was not sufficient to exhaust the entire allotment thus made, and as a result, after the improvement of all of such highways in those counties is completed, an unexpended balance will remain which.

under the terms of the referendum as heretofore existing, would not be available for any purpose.

By chapter 626 of the Laws of 1918, approved at the last general election, the referendum act was amended and now provides that one-half of the unexpended balance which may exist in any county as above described shall be available, after appropriation by the Legislature, for use in the discretion of the State Commissioner of Highways in the construction, reconstruction or widening of State or county highways as defined in the Highway Law, or of such other highways as he may determine to be necessary to connect the systems of State highways, county highways or highways improved by federal aid in that county. The remainder of the unexpended balance may be used by the commissioner for the same purposes in any other county or counties. Where such moneys are used in the manner above described, the county within which the highway is located shall pay the same proportion of the cost as such county now pays for its share of the cost of the improvement of county highways.

As a result of the amendment a sum ultimately will be available which may be used toward the completion of a connected system of State and county highways throughout the State. The net amount of such unexpended balances cannot be determined at the present time, nor until the final completion of each of the systems in the counties where it is believed such balances will result.

FEDERAL AID

In previous reports of this Department the scope and extent of the improvement of public highways by federal aid has been fully described. Under that act the State of New York will receive from the federal government in annual installments approximately four million dollars, provided the State appropriates an amount equal to that so contributed. Each year the federal authorities tentatively allot to the State the amount to which it is entitled. These allotments lapse unless State funds for the State's share of the work are provided. The manner in which the work is conducted and the distribution of cost are such that the State's share of the expense of federal aid roads cannot be taken from bond issue moneys but must come from annual appropriations made by

the Legislature from the general treasury. As plans, specifications and estimates of cost for federal aid projects are prepared by this Department and presented to and approved by the federal government, its share of the cost of such project is set aside from the tentative allotment of federal moneys. At the time such appropriation for a specific project is made by the federal government it must be shown that State funds have been appropriated and are available for the State's share of such project.

For the fiscal year ending June 30, 1917, there was allotted by the federal government to this State the sum of \$250,720.27. This allotment was met by an appropriation of like amount made by Chapter 276 of the Laws of 1917, the total appropriation made by that chapter being \$300,000, to which reference will hereafter be made.

Plans and specifications for the following federal aid roads have been approved by this department and by the federal authorities and the estimated cost set aside from the 1917 allotment and appropriation above referred to, and contracts for the work will be awarded as soon as conditions will permit of such awards being made within the moneys available:

Highway No.	Project No.	County	NAME	Length	Estimated cost	Date approved
8000	2	Wyoming.....	Perry Center-Moscow, Pt. 1.	2.59	\$51,195 10	June 26, 1918
8001	3	Chenango.....	Greene-Oxford, Pt. 1.....	5.87	108,500 00	June 26, 1918
8002	3	Chenango.....	Greene-Oxford, Pt. 2.....	5.87	117,300 00	June 26, 1918
8003	4	Chautauqua.....	Fredonia-Silver Creek, Pt. 2.	4.29	86,000 00	June 26, 1918
8004	7	St. Lawrence..	Nicholville-St. Regis Falls, Pt. 1.....	3.48	66,572 11	June 26, 1918
*8005	8	Wayne.....	Alton-Walcott, Pt. 2.....	3.21	64,010 00	June 26, 1918
*8006	9	Fulton.....	Akin-Johnstown, Pt. 2.....	1.06	21,192 00	June 26, 1918
				26.07	\$512,769 21	

* Balance from 1918 funds.

The Department has been notified by the federal authorities that the following amounts have also been apportioned to this State, namely:

For the fiscal year ending June 30, 1918..... \$501,444.54

For the fiscal year ending June 30, 1919..... 749,674.20

These moneys are allotted on the understanding that the State will appropriate a like amount, Section 168 of the Highway Law

having pledged the good faith of the State of New York to make such appropriations from time to time as may be necessary to equal the allotments made by the Federal government.

The federal aid act was passed in July, 1916. Its central idea was that the federal government would join with the states in the construction of federal aid highways on the basis of equal cost to the government and the State, but that the cost to the Government should not exceed \$10,000 per mile. It was believed that \$20,000 a mile would be adequate for all kinds of roads that properly would be built under the federal aid plan.

The first appropriation made by this State in 1917 was made on the theory that the State should appropriate an amount equal to the federal allotment and the roads proposed to be built out of the first year's federal aid designed and planned so that the total cost thereof would be within the limitation of \$20,000 per mile. Since 1917, however, it has become reasonably clear, both to the office of public roads at Washington and to this Department, that in many, if not in most cases, \$20,000 per mile would be inadequate for the construction of the kind of road required to be built under the federal plan at the present prices of labor and material.

All of the federal aid highways in this State have been located upon thoroughfares and in all cases make connections on important through routes. The type of road required, therefore, is of a superior type. The fact that in nearly all cases an adequate federal aid road cannot now be constructed for \$20,000 per mile has been recognized by the office of public roads, and at the suggestion of the secretary of agriculture an amendment to the federal aid act is now pending in the present Congress which removes the limitation of \$10,000 per mile. It is believed that the amendment will pass and in that event, the serious difficulty growing out of the limitation will be removed, and this State can then carry out its promise of co-operation to the federal government and appropriate an amount equal to the federal appropriation annually, and proceed with the construction of federal aid roads free from the prohibitive features growing out of the present federal limitation.

In due course the State should have appropriated in 1918 the sum of \$501,444.54 to meet the federal allotment set aside for

this State for the fiscal year ending June 30, 1918. At the time this matter was laid before the Legislature in 1918 by this Department, attention was drawn to the fact that the policy of the Department was to defer all new construction during the war period, and that such policy not only was approved, but practically was required by the federal authorities, as well. In view of this fact and as the federal allotment for the fiscal year of 1918 would not lapse until June 30, 1919, it was decided in the conference with this Department held with you to defer the State appropriation of 1918. It will now be necessary, however, to make the appropriation early in 1919.

There has been allotted to this State for the federal fiscal year of 1919 the sum of \$749,674.20 and the matter of making an appropriation to meet this allotment should also receive consideration at this session by you. In view of the fact, however, that there may be an amendment to the federal law eliminating the restriction as to cost, it is suggested that the matter of making the appropriations referred to be deferred for a short period awaiting the determination of Congress on the amendment to the federal aid law. This Department will further inform you in the premises.

The following project statements have been submitted to and approved by the federal authorities:

Project No.	County	NAME	Length
1	Chautauqua	Brocton-Fredonia	4.64
6	Rockland	New Jersey State Line-Nyack, Parts 1 and 3	5.16
10	Rockland	Stony Point-Tompkins Cove	2.47
11	Orange	Fort Montgomery-Highland Falls	2.59
12	Cortland	Marathon-Cortland, Parts 1, 2 and 3	6.54
13	Chautauqua	Pennsylvania-State Line-Ripley-Forsythe	7.04
14	Chautauqua	Westfield-Brocton	7.64
15	Otsego	Cherry Valley-Sharon Springs, Part 1	5.07
			41.15

The federal government's share of the cost of the construction of these roads is covered by the tentative allotments made by the federal authorities for the fiscal year ending June 30, 1918. As soon as the State makes its appropriation to meet this federal allotment sufficient funds will be available (provided the federal amendment is adopted) to enable this Department to present the

plans, specifications and estimates of cost for these project statements for the approval of federal authorities, and upon such approval the roads will then be eligible for advertisement and award of contract.

The federal aid law provides that all preliminary expenses prior to the award of contracts, for surveys, preparation of plans, specifications, estimates of cost, etc., shall be borne wholly by the State. No part of the federal allotment may be used for that purpose. In order that funds may be available for such preliminary work, an appropriation on the part of the State is necessary. The balance of the moneys appropriated by Chapter 276 of the Laws of 1917 over and above the amount required to meet the federal allotment has been available for that purpose. In making appropriations for the purpose of meeting the allotments by the federal government for 1918 and 1919 heretofore referred to, additional moneys should be provided for preliminary work. It is essential that these funds for preliminary work be available so that surveys, plans, estimates, etc., may be progressed and the work advertised as soon as appropriations are made and conditions permit of the resumption of activities in road building, as in the absence of moneys for such preliminary purposes no progress whatever can be made in the preparation of the work.

PRISON LABOR

Inmates of the State prisons have been used during the year both for maintenance and repair of improved highways and also for the construction of certain roads not otherwise available for improvement. Notwithstanding the decrease in prison population, the State Department of Prisons has been able to assign for highway work nearly the same number of convicts as heretofore. In the opinion of this department, extensive and necessary work has been done with the prisoners assigned, the results have been of great value to the State, and the work should be continued. In particular, macadam highways of a very substantial kind have been constructed in the immediate vicinity of Comstock and Dannemora prisons, and three projects were also undertaken in the Adirondacks which have materially improved highway connections in that region. These connections could not have been

made in any other way. Important highway work of value to the State is made possible by the employment of prison inmates, as has been demonstrated; but it must be borne in mind that the places where such work can be undertaken and the conditions under which it can be progressed are limited. Within such limitations, however, the results obtained warrant a continuation of this activity.

PERSONNEL

The personnel of the department has necessarily been greatly reduced in numbers during the past two years by reason of the reduction in the volume of construction work during that period. Perhaps the effect of the war on both the man power and activities of this department is best illustrated by making a comparison between the year 1914, which was the last pre-war year, and the year 1918, the last war year, taking as units of comparison the total paid salaries, representing the man power, and the total paid for construction and repair, representing activities. In 1914 the item of salaries was \$1,334,164.23, as against payments for construction of \$10,915,745.90 and for maintenance and repair of \$3,838,006.95, or a total of \$14,753,812.85. In 1918 the item of salaries was \$486,061.11, as against \$2,636,750.13 for construction and \$5,369,778.14 for maintenance and repairs, a total of \$8,006,528.27.

The department records with pride the fact that two hundred and six of its members entered the military and naval service of the United States during the period of the war. This is the largest number from any State department. During the earlier months of the war many of the men, with the hearty approval of the commissioner, entered officers' training camps and were thereafter duly commissioned. A considerable number of others volunteered for enlistment and were subsequently promoted during their term of service. It seems fitting that reference to these facts be made in this report; and a list of all members of the department who entered the military or naval service will be hereto appended as a permanent record of the department.

Respectfully submitted,

EDWIN DUFFEY,
Commissioner.

SUPPLEMENTAL REPORT OF THE STATE COMMISSIONER OF HIGHWAYS

ALBANY, N. Y., March 29, 1919.

To the Honorable, the Legislature of the State of New York:

In the report of this department dated January 1, 1919, in which reference is made to the improvement of public highways in this State by Federal aid, attention was called to the fact that an amendment to the Federal aid act was then pending in Congress and that upon the determination of that amendment this department would report further to your honorable body.

First Federal Aid Appropriation

On July 11, 1916, the President approved an act of Congress entitled "An act to provide that the United States shall aid the states in the construction of rural post roads, and for other purposes." This act carried with it an appropriation of \$75,000,000, to be distributed among all the states of the Union which assented to the provisions of the Federal act and signified their desire to participate in the distribution of the moneys appropriated upon the terms and conditions specified therein. The distribution of the moneys among the several states is based upon a ratio obtained from the three factors of area, population and mileage. The law provided that "No money apportioned under this act to any state shall be expended therein until its legislature shall have assented to the provisions of this act. except that, until the final adjournment of the first regular session of the legislature held after the passage of this act, assent of the governor of the state shall be sufficient."

The Legislature of 1917, by chapter 462 (section 168), assented, as provided in the Federal act, in the following terms: " * * * the provisions of which act are hereby assented to, the good faith of the State of New York being hereby pledged to make such provision from time to time as may be necessary to provide its share of the cost of the improvement of such highways."

Upon filing with the Secretary of Agriculture of the Federal government the assent of the State of New York, through its Legislature, to the provisions of the Federal aid act, there was allotted to this State from the \$75,000,000 appropriation the following sums:

For the fiscal year ending June 30, 1917.....	\$250,720.27
For the fiscal year ending June 30, 1918.....	501,444.54
For the fiscal year ending June 30, 1919.....	749,674.20
For the fiscal year ending June 30, 1920.....	995,182.56
Allotment to be made for the fiscal year ending June 30, 1921	1,243,978.20
Total	<u><u>\$3,740,995.77</u></u>

By the provisions of the Federal aid act approved July 11, 1916, each state is required to appropriate an amount equal to that apportioned to it by the Federal government, which appropriation must be made within the fiscal year succeeding that for which the appropriation is made.

The Legislature of 1917 appropriated \$250,720.27, meeting the apportionment for the fiscal year ending June 30, 1917, and an appropriation is now pending in the Legislature providing for the apportionment for June 30, 1918, making a total of \$752,164.78, which will thus be provided by the State in accordance with the requirements of the Federal aid law, leaving for future action appropriations to meet the apportionments for the fiscal year ending June 30, 1919, 1920 and 1921, respectively, amounting to \$2,988,830.99.

The Federal aid act contains a clause limiting the amount which the Federal government will pay as its share of Federal aid roads to a maximum of \$10,000 per mile, and chapter 462 of the Laws of 1917 of New York State limits the State's share of the cost to 50 per cent. of the total, thereby fixing the total maximum cost per mile at \$20,000. This maximum is inadequate at the present prices of labor and material and, recognizing this fact, the Federal government, by an amendment which became effective February 28, 1919, raised the limit from \$10,000 to \$20,000 for its share of the cost, thus making the maximum total cost per mile \$40,000 instead of \$20,000.

The roads designated for improvement in this State by Federal aid are indicated on a map as provided by chapter 462 of the Laws of 1917 and filed in the office of the State Commissioner of Highways, the Secretary of State of the State of New York and the United States Secretary of Agriculture. While the war was in progress it was the desire of the Federal authorities that no new contracts for highway construction be awarded and that highway improvement generally be limited to the completion of roads already under contract and necessary maintenance and repair, in order that labor and materials might be conserved for Governmental war purposes. The close of the war and the removal of the restriction as to cost will now permit this department to proceed with the improvement of Federal aid roads to the amount of the moneys made available by the Federal government and by the State of New York.

Second Federal Aid Appropriation

Under date of February 28, 1919, the President approved an act entitled "An act making appropriations for the service of the postoffice department for the fiscal year ending June 30, 1920, and for other purposes." That act raises the limitation as to cost above referred to and also provides an additional total appropriation of \$200,000,000, to be distributed among the various states in the same proportion and on the same conditions as was provided for the distribution of the first \$75,000,000; and if the Legislature of the State of New York assents to the provisions of the act of February 28, 1919, and agrees to meet the apportionments which will be made thereunder by the Federal government with appropriations for its share of the cost of the work, there will be apportioned to New York State the following sums in addition to the apportionments hereinbefore made:

For the fiscal year ending June 30, 1919.....	\$2,487,956.40
For the fiscal year ending June 30, 1920.....	3,731,934.60
For the fiscal year ending June 30, 1921.....	3,731,934.60
Total	<u>\$9,951,825.60</u>

The action of the Legislature of 1917, expressed by chapter 462 of the laws of that year, had reference only to the Federal aid act then existing, which provided for a total distribution among all of the states of \$75,000,000 only, of which New York State would receive \$3,740,995.77 on condition it raised a like amount. If, therefore, it is deemed advisable for the State of New York to participate in the distribution of moneys to be made under the act approved by the President February 28, 1919, it would seem necessary that your honorable body should enact the necessary legislation signifying its assent to the provisions of the Federal law and pledging the good faith of the State to provide funds to meet the Federal apportionments, to be made under that act and which, as above stated, will amount in the aggregate to the sum of \$9,951,825.60.

Should this State decide to accept the second Federal aid appropriation, then the first apportionment to be made by the Federal government will be, as above stated, for the fiscal year ending June 30, 1919. It will not be necessary, however, for the present Legislature to make an appropriation to meet this apportionment, but it will be necessary for the Legislature of 1920 to provide the funds.

Bond Issue

As will be seen from the foregoing, the State has already obligated itself to provide \$3,740,995.77, being the amount required to meet Federal aid apportionments to this State from the Federal aid appropriation of \$75,000,000, and has already made provision for \$752,164.78 thereof, leaving \$2,988,830.99 to be hereafter provided. Should the State decide to accept its apportionments from the second Federal aid appropriation of \$200,000,000, it will be necessary to raise the further sum of \$9,951,825.60, or a total of \$12,940,656.59 between the present date and June 30, 1922, plus some additional funds for preliminary surveys, preparation of plans, etc., as all engineering expenses prior to the award of a contract must be borne by the State. All expenses incident to the work after the award of a contract are divided between the State and the Federal government.

The moneys still available from the second fifty-million bond issue authorized by the referendum act of 1912 cannot, under the

terms of that referendum, be used in connection with Federal aid roads, and it will be necessary to provide these funds either by annual appropriation from the general fund or by a bond issue.

It would seem to be the policy of this State that moneys to be used for permanent improvements should be provided by a bond issue, thus extending the cost of the work over a period of years, rather than by large annual appropriations within a short period of time. This is the policy, also, which has recently been adopted in many of the States of the Union, which are now taking the necessary steps for bond issues of large amounts for highway improvement purposes.

In this connection your attention is also called to the fact that, as described in the annual report of this department of January 1, 1919, a large sum will be required for the purpose of completing canceled or abandoned contracts. In order to progress the completion of these contracts, it will be necessary that the money be appropriated by the Legislature now in session, but such moneys will be used for permanent improvement in the same manner as the bond issue moneys upon which the original contracts were based, and it would seem proper that should a bond issue be authorized for the purpose of meeting Federal aid apportionments, there should also be included in that issue such an amount as will reimburse the general fund of the State for the appropriation made by its Legislature for the purpose of completing canceled and abandoned contracts. At the same time it would seem proper to provide such an amount as will reimburse allotments heretofore made to counties from the second fifty-million bond issue from which allotments funds have necessarily been expended or obligated for the completion of canceled contracts during the past two years.

It is also highly desirable that additional funds be provided for the purpose of completing the 500 miles of highways designated for improvements by Federal aid on the map approved May 15, 1917, under the provisions of chapter 462 of the laws of that year. This was the mileage which, at the prices for labor and material prevailing at the time the map was prepared, could be improved under Federal aid with the first appropriation of \$75,000,000.

All of the highways indicated on that map are important, both from a State-wide as well as a local standpoint, as they constitute, in the great system of improved roads, connecting links for the improvement of which funds are not available from other sources. The moneys to be appropriated by the Federal government and by the State of New York under the first \$75,000,000 appropriation are not sufficient to complete the mileage designated on that map, and if a bond issue is to be authorized it is recommended that there be included therein such an amount as will ensure the completion of the Federal aid system now designated.

In order to provide the necessary funds for all the purposes above referred to, a bond issue of \$20,000,000 would be required. A referendum act, if passed by the present Legislature, could be submitted to the people of the State at the general election to be held in November, 1919, and, if approved, the necessary funds to meet the State's share of all Federal aid apportionments both from the first \$75,000,000 and the second appropriation of \$200,000,000 could be obtained from the sale of bonds and without recourse to the general fund.

The State of New York stands to-day far in advance of any other State in the Union with regard to the condition and extent of its improved public highways. Motor traffic of all kinds is rapidly increasing both in volume and in degree, and provision must be made for the future as well as the present needs of the State. This is especially true with regard to the increased value of the highways in a commercial way caused by the advent of the motor car and especially of the motor truck, to which extended reference is made in the report of this department of January 1, 1919; and the attention of your honorable body is again urgently called to the necessity of the enactment of laws along the lines indicated in that report providing for proper limitation and regulation of the increasing motor truck traffic in order that, with due regard to the economic questions involved, the existing system may to the greatest extent possible be preserved and a standard for all new construction or reconstruction may be adopted and adhered to.

Respectfully submitted,

EDWIN DUFFEY,

Commissioner.

REPORT OF FIRST DEPUTY — DEPARTMENT OF CONSTRUCTION

ALBANY, N. Y., *January 1, 1919.*

HON. EDWIN DUFFEY, *Commissioner of Highways.*

SIR.— With the armistice already fading into the background, it becomes necessary to emphasize that every bit of work done in this department during the year 1918 was conditioned, if not determined, by the war.

Shortage of labor and materials and difficulties of transportation surpassed our worst fears of 1917, and were intensified by the absorption from us into the service of trained and trusted men. A subtler, but no less real, cause of difficulty in prosecuting construction work was Hypocrisy masking as Patriotism. "Win the War at all Costs." Not the least ardent advocates of the slogan were those who sought personal profit from the war or, through it, opportunity to escape irksome obligations. Many unfinished contracts were one large question mark in this respect.

Despite these obstacles, progress was made and, aside from actual construction, two results attained which I hope may prove of permanent value in highway work.

Contracts were completed aggregating 363 miles of road. The following tabulation reveals the present status of mileage under contract:

	<i>Miles</i>	<i>Miles</i>
On January 1, 1918, there were contracts in force aggregating .....	....	1,111
Contracts awarded during 1918.....	....	000
	<hr/>	<hr/>
Total under contract during 1918.....	....	1,111
Contracts completed and accepted during 1918..	269	
Contracts completed during 1918 but not in time for acceptance	94	363
	<hr/>	<hr/>
Leaving under contract January 1. 1919.....	....	748
	<hr/> <hr/>	<hr/> <hr/>

	<i>Miles</i>	<i>Miles</i>
On contracts in force January 1, 1919, aggregating 748 miles certain work has been performed as follows .....	....	748
Prior to January 1, 1918.....	238	
During 1918	41	279
<hr/>		<hr/>
Leaving on January 1, 1919, actual work to be performed under contracts in force.....	....	469
<hr/>		<hr/>

With consideration for the exigencies of the situation no attempt was made to place additional work under contract. Keen as was our desire to do so, you decreed and we realized that an honorable use of highway funds forbade the letting of contracts at prices so enormous as to preclude the possibility of a return in service by the road to the community — that in addition to the other insuperable obstacles already mentioned.

We concentrated our efforts therefore upon the completion of roads already under contract. Lettings were advertised for the completion of unfinished contracts. The returns were significant — from the bids received only five contracts aggregating about 25 miles could be awarded. Thereupon, under your authorization, we rallied our department forces to continue the work upon 15 other cancelled contracts, aggregating 67.89 miles. Fourteen of these were handled directly by this office, and one, 1.3 miles long, by a division engineer.

In every case where absolute completion of a road under process of construction was impossible, work upon it was directed so that it would best serve the convenience of the public.

The most important piece of work under construction is the Storm King road between West Point and Cornwall, completing Route 3 along the west shore of the Hudson. We hoped to have that finished this year. The hindrances that have impeded us are too numerous and intricate to detail here. At least progress has been made past the point of these barriers, and there is no apparent reason why the road should not be in use by the end of another season.

The trend of the year's experience offers a suggestion and confirms a prophecy.

The unusual success of the department in doing its own construction work upon these unfinished contracts, despite the interminable coils of legal red tape twined about it, raises the question whether it might not be advantageous for highway departments to be authorized and prepared in emergencies to do their own construction as well as engineering work. As in our own case, plants could be hired or gradually acquired, and contractors engaged as superintendents. The arguments pro and con are lengthy; the idea is advanced now simply because it is in accord with that spirit of the age which is tending to centralize authority and to unify responsibility.

The use of the motor truck has exceeded all prophecies. The war has given it its place. It is a means of transportation coordinate with train and boat. Highways *must* be built to sustain it. In each of our three previous reports we have plead for the building of more durable types of pavement. We now have in this State 1,290 miles of durable pavement of the concrete, brick, asphalt block, etc., types, as distinguished from the less durable waterbound macadams, etc. Henceforth, except in unusually isolated communities, the durable type will be the *only* economical type. The higher first cost of the former will be offset in a very few years by the higher maintenance cost of the latter under heavy traffic. There is no further excuse for building semi-durable pavements in or near settled districts. Their "cheapness" has, with the advent of the motor truck, become extravagance.

Perhaps the best contribution made this year by our department to the good roads movement was through our

Research Work

A series of tests were completed to determine the advantages in use of calcium chloride solution to hasten the setting of cement concrete. It has been stated that by use of this solution concrete gun foundations could be put in use three days after construction. The tests made by this department were for the purpose of determining whether the rapid setting would decrease the ultimate strength which the concrete would attain. It is well known that abnormally quick setting cements do not usually make concrete which is as strong ultimately as the slower setting cements.

Laboratory test samples were prepared and tested at ages varying from one day to one year. The results are shown graphically herewith. They indicate that the use of a four per cent solution of calcium chloride as mixing water for cement concrete increases the strength attained at all ages up to one year. Beyond that is still problematical, but what evidence we have indicates certainly no deterioration, and a probable continued, but slower, gain. The maximum increase appears to be about 20 per cent at the age of one month.

The importance of this determination will be appreciated when it is considered that by the use of this solution it will be possible not only for the contractor but also for the public to make use of cement concrete pavements a few days after they have been laid without risk of damage. It will mean the completion of much work in the autumn which has hitherto had to wait over unfinished until spring.

Further tests have been made on pavement concrete with the impact testing machine, which duplicates, under very rapid acceleration, the conditions of wear of pavements due to traffic. These tests are establishing a surer standard for selecting materials for concrete, which is bound to give us more permanent pavements. The results are reduced to a coefficient which is used to show the relative resistance of the concrete to this test. Tabular statement of the results is presented herewith.

RECORD OF IMPACT TEST

$$\text{Coefficient of Impact} = \frac{170}{\text{Average loss}} + 100$$

Coarse aggregate	Fine aggregate	Mix	No. of	Grams loss per test	Av. loss	Coefficient
Trap	Sand — Niagara river..	1:1½:3	3	150-110-105-95..	103	165
Trap	Sand — Cowbay	1:1½:3	4	110-120-110-100..	110	155
Trap	Sand — Albany	1:1½:3	4	140-100-125-125..	122	139
Trap	Sand — Long Island ..	1:1½:3	2	120-135..	127	134
Trap	Sand — Marlboro	1:1½:3	2	130-135..	132	129
Limestone — Buffalo ..	Sand — Niagara river..	1:1½:3	5	150-120-155-125-135..	137	124
Trap	Tailings — Graphite ..	1:1½:3	2	155-135..	145	117
Syenite	Sand — Boonville	1:1½:3	8	150-145-150-140-145-125-185-130..	141	120
Limestone — Buffalo ..	Sand — Cattaraugus co.	1:1½:3	5	155-160-140-125-160-200..	148	114
Trap	Sand — Boonville	1:1½:3	4	165-130-165-135..	149	114
Trap	Sand — Cowbay	1:2:4	2	150-150..	150	113
Trap	Tailings — Iron ore ..	1:1½:3	5	200-165-165-155-165-180..	165	103
Limestone — Schoharie co.	Sand — Pattersonville..	1:1½:3	3	170-135-190-315	165	103
Quartzite — Rensselaer co.	Tailings — Iron ore ..	1:1½:3	5	180-180-165-160-160..	169	100
Limestone — Buffalo ..	Sand — Boonville	1:1½:3	4	180-180-185-160..	170	100
Trap	Sand — Albany	1:2:4	3	180-180-186-225	175	97
Trap	Sand — Marlboro	1:2:4	2	180-170..	175	97
Limestone — Lewis co.	Sand — Cowbay	1:1½:3	3	175-160-195..	177	96
Medina sandstone	Sand — Niagara river..	1:1½:3	4	200-160-190-160..	178	95
Limestone — Lewis co.	Sand — Boonville	1:1½:3	4	175-175-160-225	184	92
Syenite	Sand — Boonville	1:2:4	4	180-205-180-180..	186	91
Limestone — Marlboro ..	Sand — Marlboro	1:1½:3	4	220-215-210-170..	204	83
Iron ore tailings	Tailings — Iron ore ..	1:1½:3	3	225-200-200..	208	81
Limestone — Lewis co.	Sand — Albany	1:1½:3	2	220-200..	210	81
Limestone — Akron Falls	Sand — Lake Shore — Chautauqua co.	1:1½:3	2	220-210..	215	79
Limestone — Akron Falls	Screenings — Limestone	1:1½:3	2	250-240..	245	69
Limestone — Lewis co.	Sand — Cowbay	1:2:4	4	290-240-240-220..	247	69
Limestone — Leroy	Screenings — Limestone	1:1½:3	4	270-280-280-260..	268	63
Limestone — Lewis co.	Sand — Albany	1:2:4	4	280-250-270-290..	272	63
Slag — Buffalo	Sand — Niagara river..	1:2:4	2	220-255..	238	72
Gravel — Tioga co.	Sand — Cowbay	1:1½:3	2	190-170..	180	95
Gravel — Tioga co.	Sand — Tioga co.	1:1½:3	5	175-190-175-170-220..	186	92
Gravel — Marlboro	Sand — Marlboro	1:1½:3	2	175-200..	187	91
Gravel — Marlboro	Sand — Cowbay	1:1½:3	2	215-215..	215	79
Gravel — Long Island ..	Sand — Long Island ..	1:1½:3	12	.....	141	59

¹ Small stone area — omitted from average.

² Excess grout — omitted from average.

³ Small stone area and excess grout — omitted from average.

⁴ Coefficient varied with amount of flint present.

⁵ Quality of sandstone not uniform.

⁶ Test made to determine quality of screenings.

⁷ Results depend on amount of shale present in coarse aggregate.

⁸ Coefficient varies with gradation. No. 1 size gives small coefficient.

⁹ Approximately.

In the chemical laboratory experiments have been conducted to determine the feasibility of substituting available materials for some now almost unobtainable in the manufacture of bituminous patching compounds. It was found that light tar distillate could be substituted for petroleum naphtha as carrying agent in the composition of asphalt cut-back. A very satisfactory patching compound can be made in this way. The light tar oils are at present

more available than petroleum naphtha and this condition we expect will prevail for several years. During the war the Federal government required many gas companies, which had not previously collected light tar oils, to collect and conserve them. This action will greatly increase the supply and should make these distillates available at a low price. Our experiments enable us to take advantage of relative price fluctuations as well as of restrictions enforced by the government at the time the experiments were conducted.

Experimental measurements of expansion and contraction of concrete in completed roads were continued. These show changes due to temperature and moisture under actual service conditions. They have been conducted to serve as a guide to determine the most desirable length of slabs and the kind and thickness of expansion joints best suited to this type of pavement.

Bureau of Tests

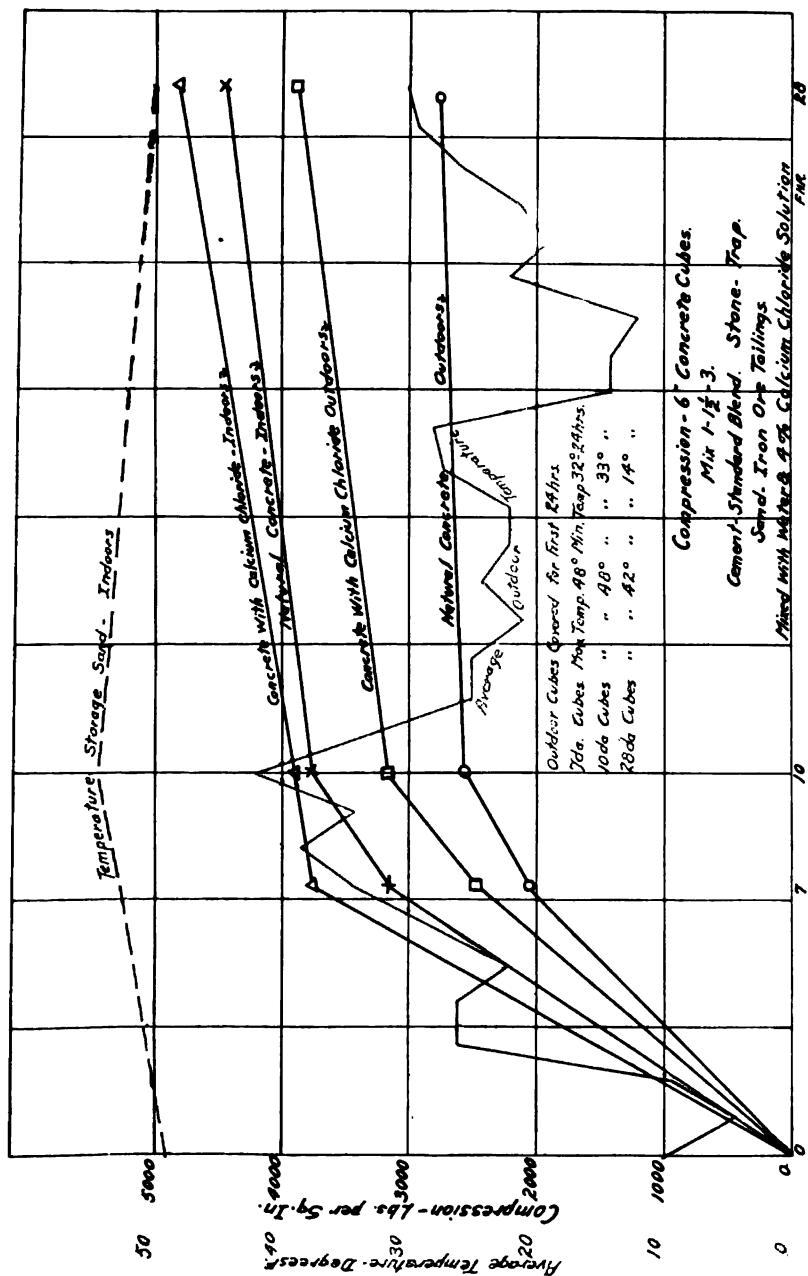
The regular testing was carried out in the usual manner. The reduced amount of construction and repair work made necessary only about half as much work as had been handled under normal conditions. Some of the employes of this bureau were in military service of the country and others were transferred to other work of the department.

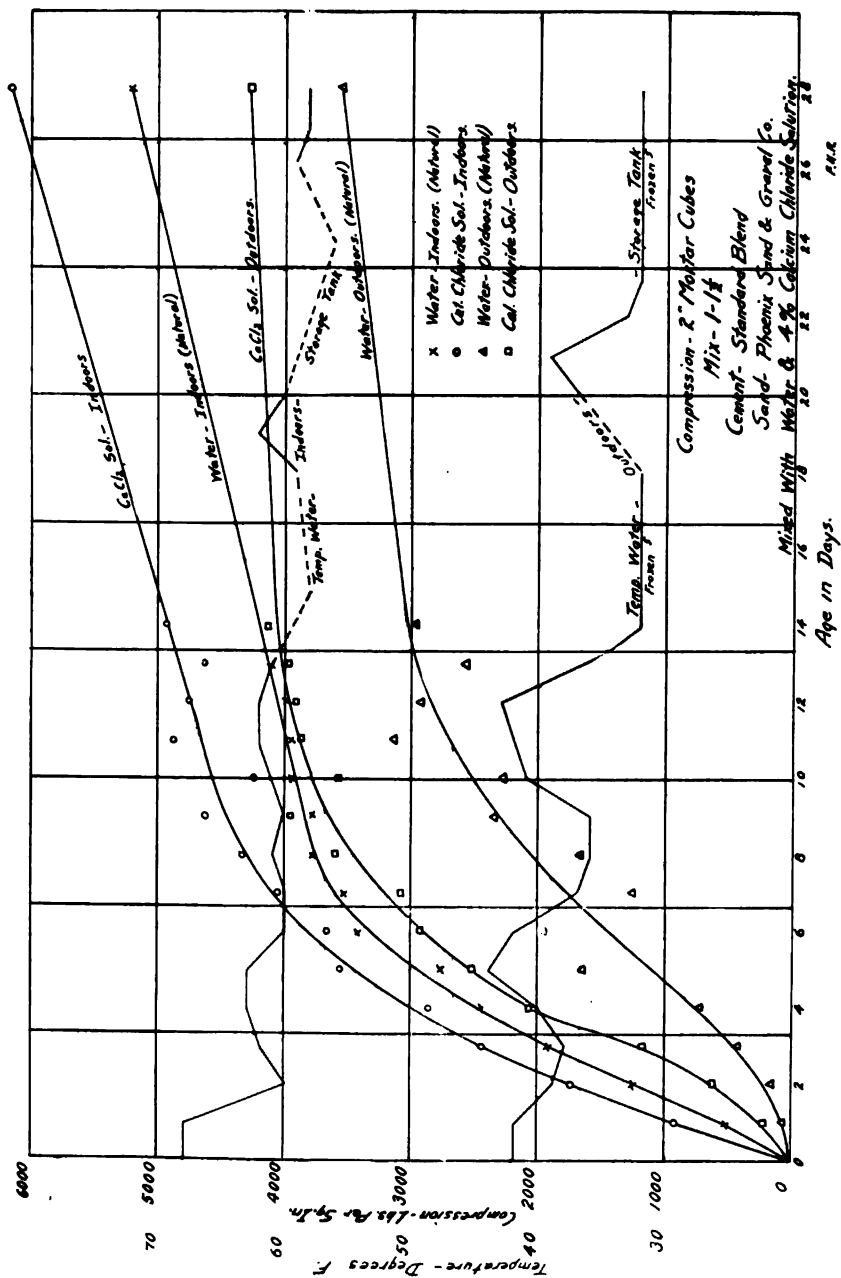
Freight Rate Bureau

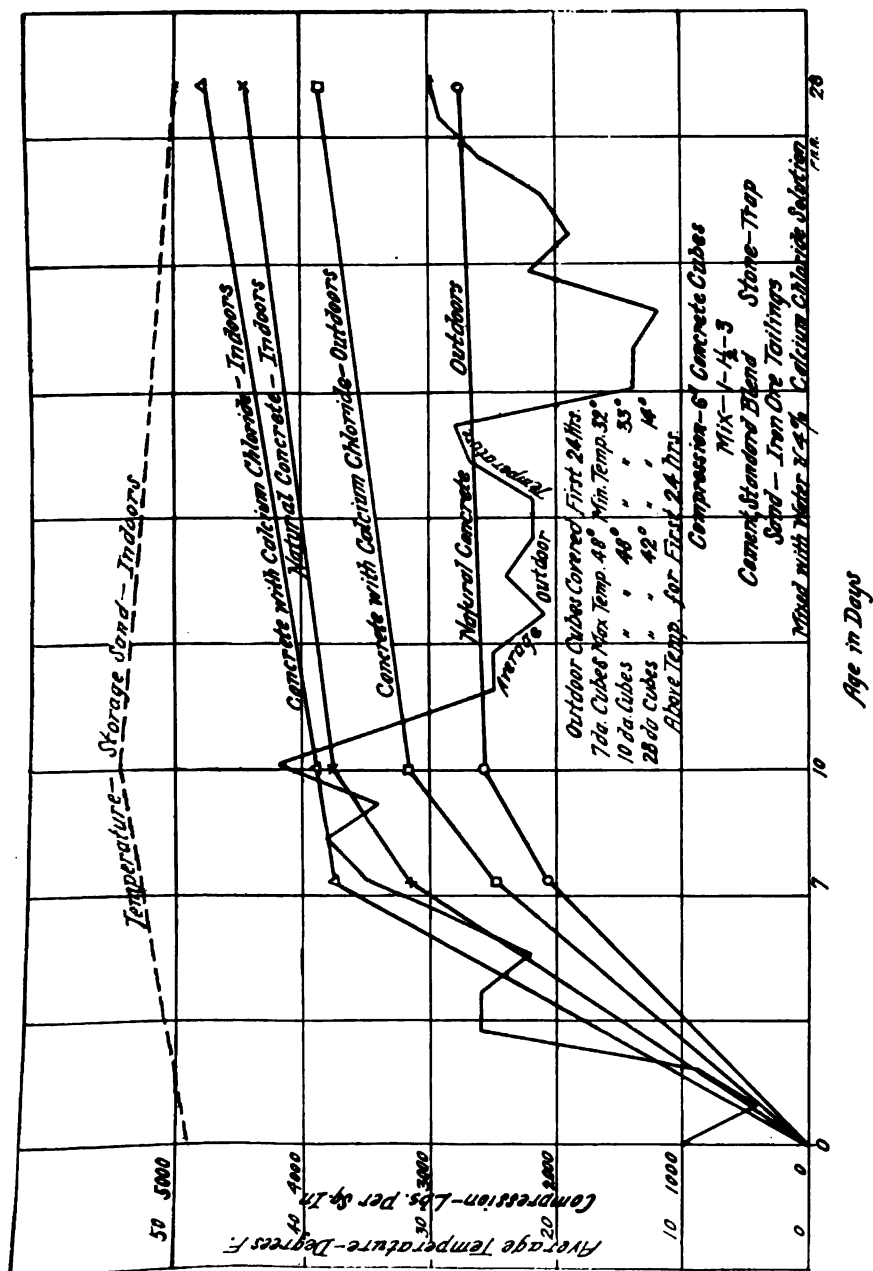
The unusual conditions existing during 1918 resulted in an almost total lack of new estimates for checking. The only work done in connection with quoting of material prices and freight rates for estimates was on special requests from the drafting room for use in bringing old estimates up to date. I therefore have no savings to report for this class of work as in prior years.

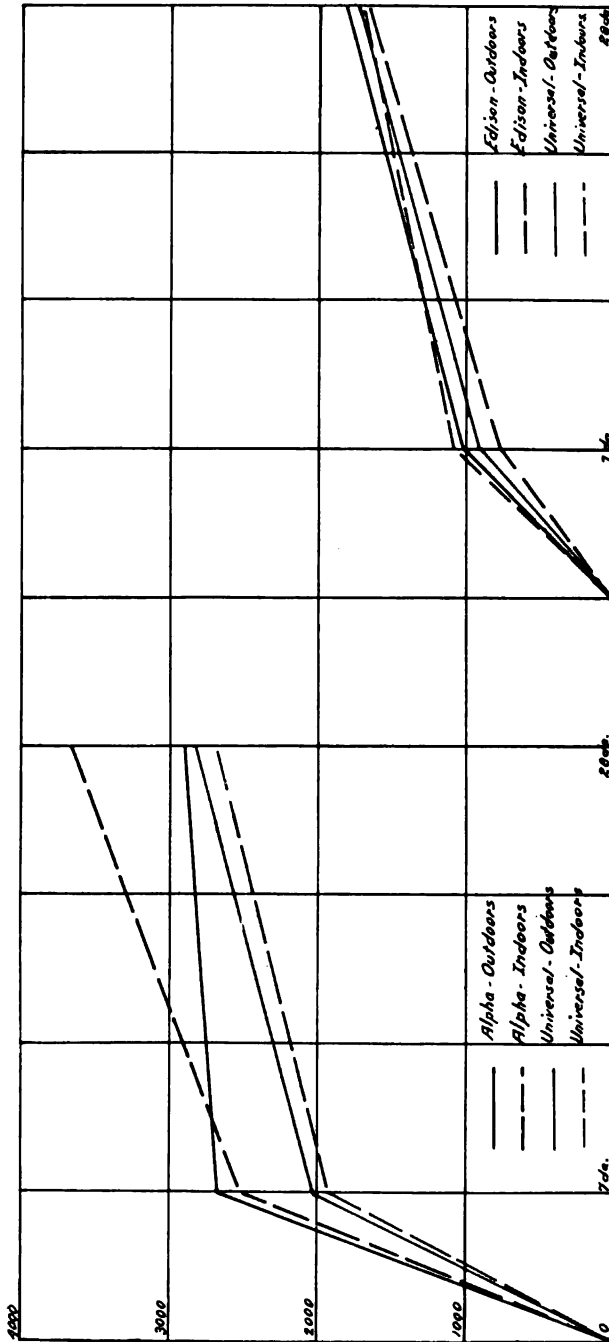
Before the beginning of the construction season it was arranged to check all freight bills against the Commission by this bureau. The items on which savings were effected are too numerous to justify detailed statement. The total saving, however, amounted to \$579.31.

This checking brought to attention the fact that considerable shipments of crushed stone and sand were being moved on class rates. Reduced commodity rates were applied for and secured.









Comparative Compression Tests on 1-1 1/2 3 Concrete

Highway 5452

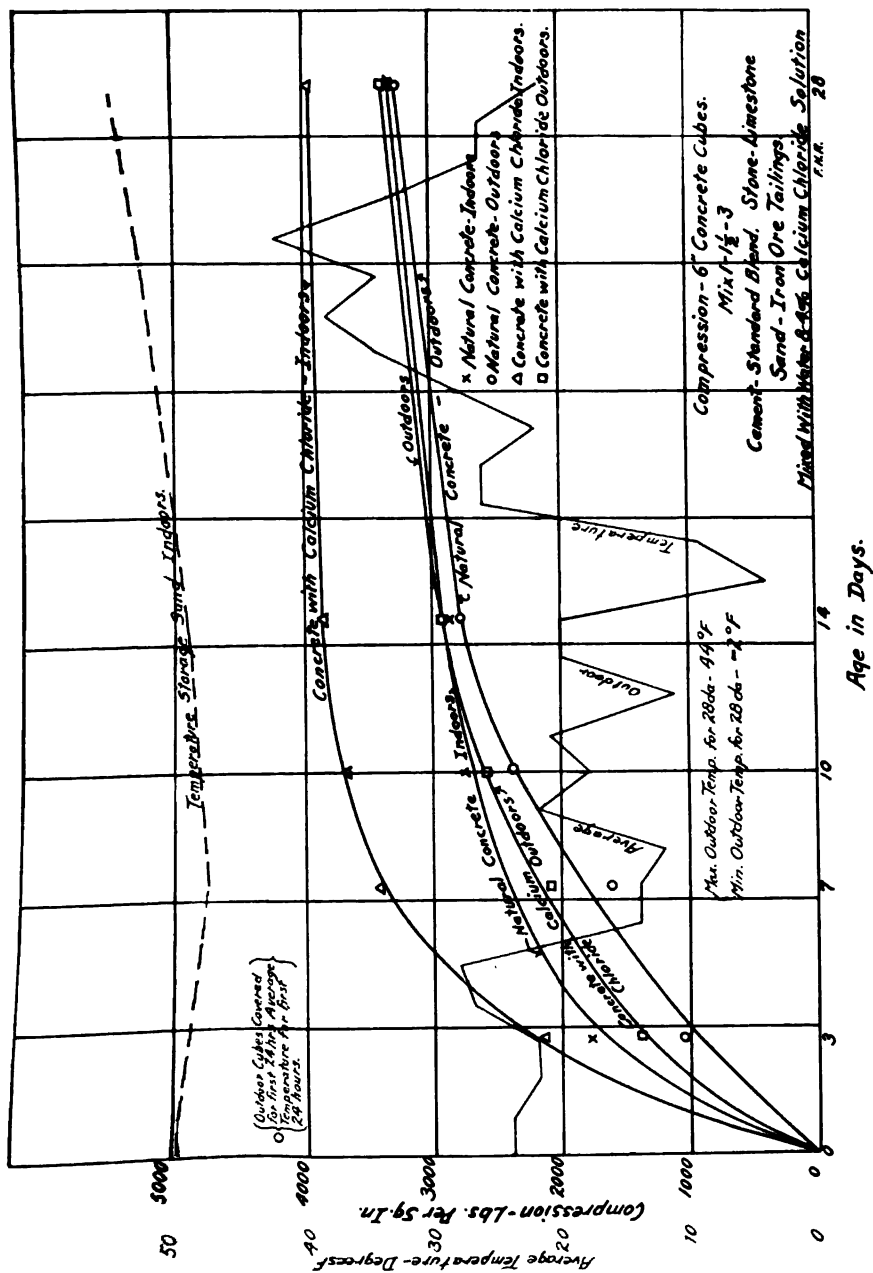
Aver. Max Temp For 28 Days - 62.5°F

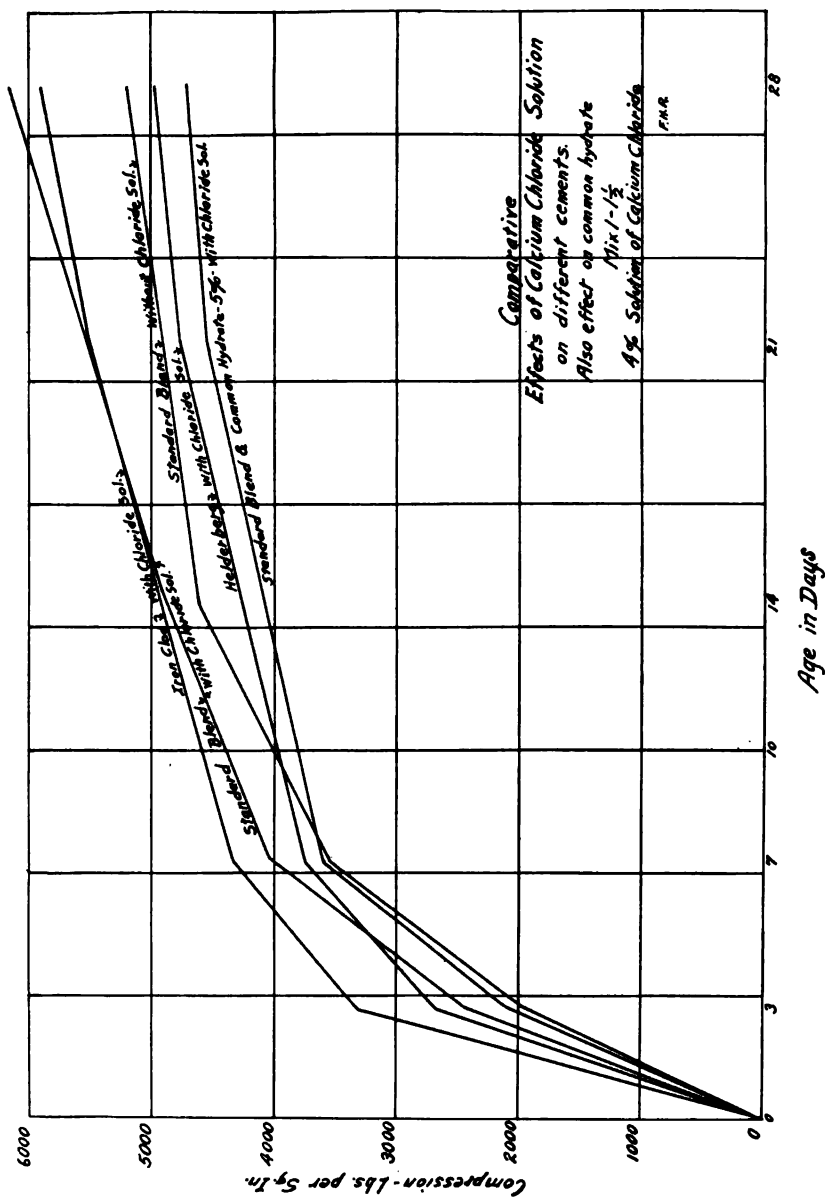
Min. " " 28 Days - 42.7°F

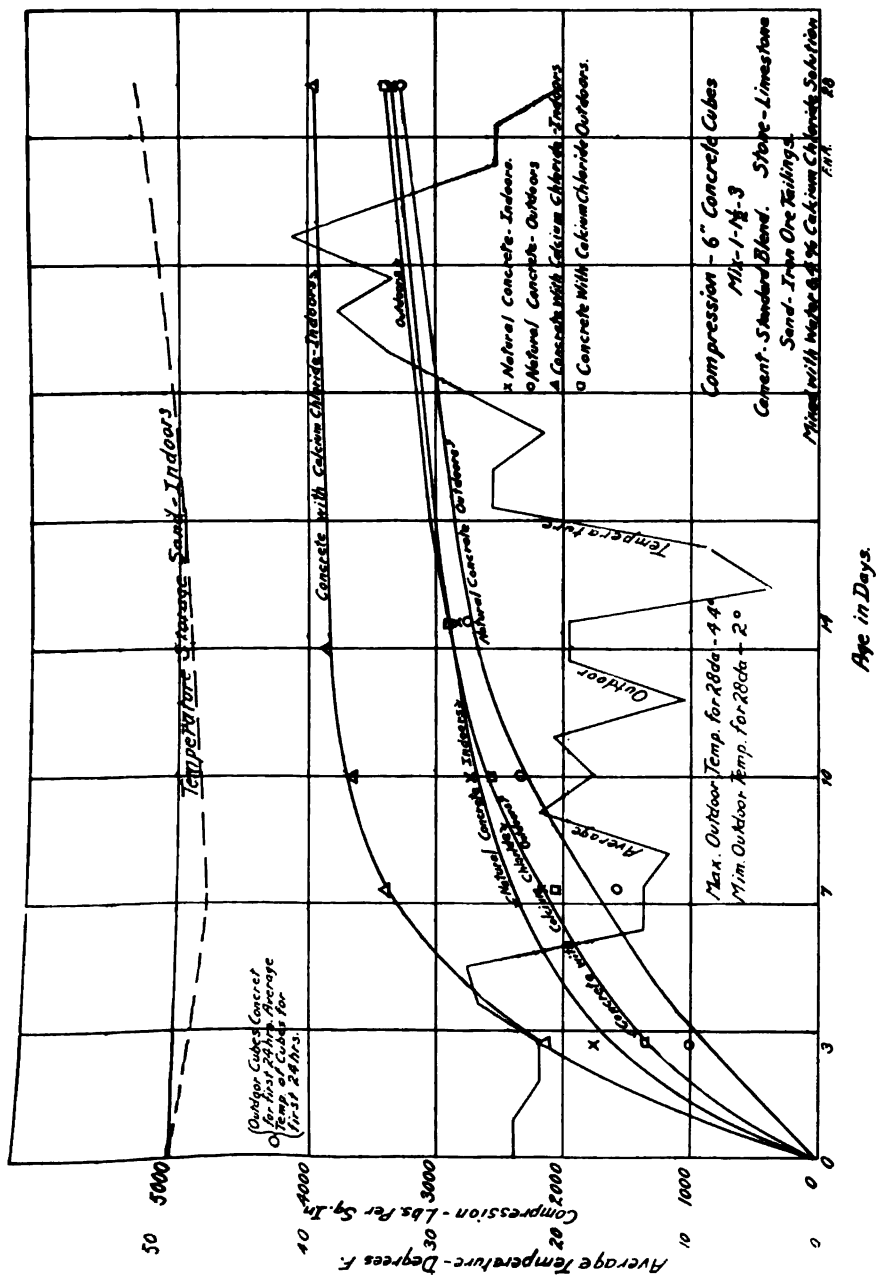
Comparative Compression Tests on 1-5 Concrete

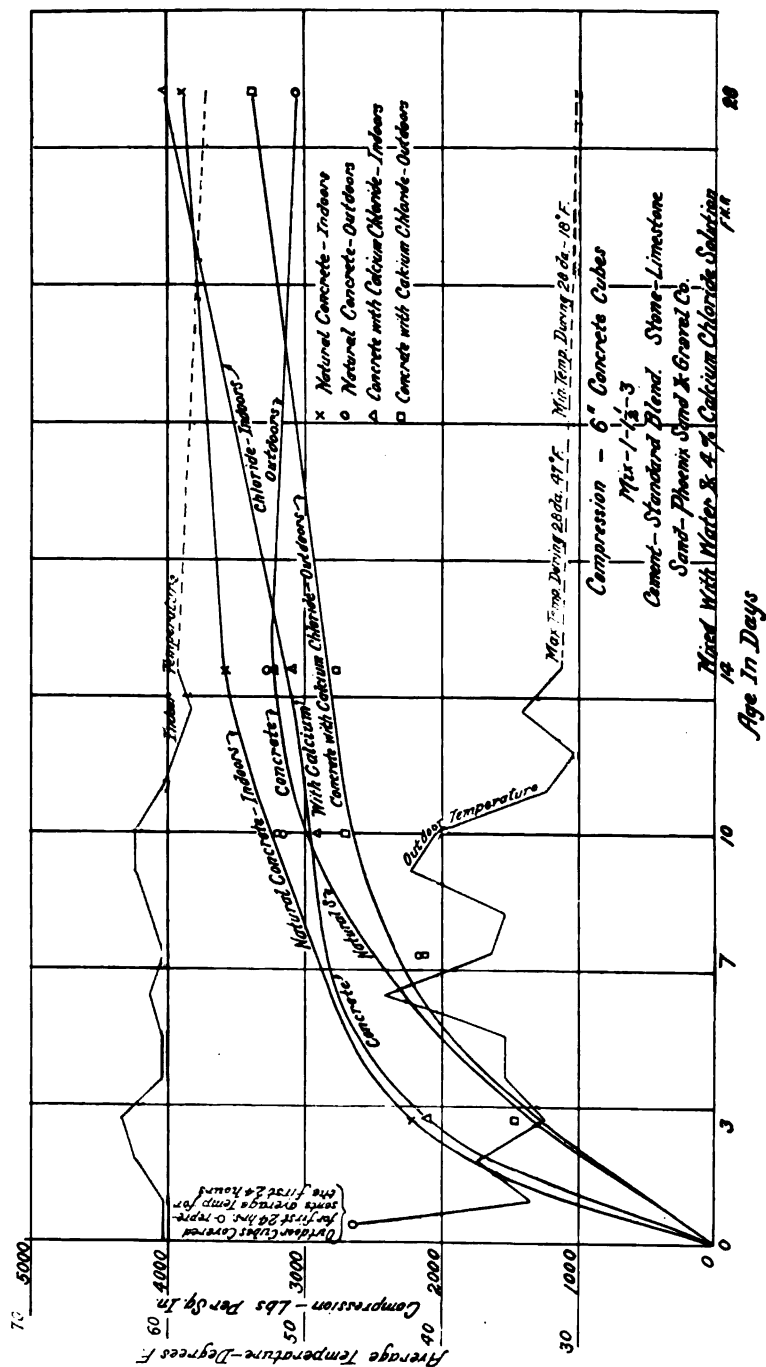
Highway 5452

FINX









Claims for reparation reducing class rate freight already paid to the new commodity rate basis have been made amounting to \$794.00 and are now pending before the railroad administration. Another and much larger claim for reparation is also pending. This arises from shipment of nearly 4,700 tons of sand and about 8,000 tons of crushed stone for a repair contract. Application was filed in April for reduced rates. Owing to confusion and uncertainty caused by changed methods under government operation no action was taken until after shipments which were commenced in June had been completed. Class rates at eleven and fourteen cents per 100 pounds on sand and rate of \$1.40 per ton on stone were assessed. As result of the application a rate of eight cents per 100 pounds on sand was later published, but no action has yet been taken on reduced rates for stone. Reparation of over \$5,000 of the freight paid on sand and of over \$2,000 of the freight paid on stone has been requested from the railroad administration. The matter is still pending but it is believed that reparation will be made.

This bureau was able to affect materially the progress of both construction and repair work of the Commission by expediting shipments. In many cases it traced shipments involving long hauls over several roads, obtained car supply for shippers and modified embargoes.

General Office Work

Regular routine made necessary by the work in hand and in prospect was carried on as in former years. The amount was smaller on account of the reduced amount of construction in progress. The considerably reduced office force was able not only to accomplish the necessary regular work but also to handle work normally done in our division offices. For example, from three of the division offices final estimates for contracts were submitted for preparation because the division engineers were unable to prepare them promptly on account of depleted forces. These final estimates must be rendered as basis for final payment on all contracts and the mass of detailed computations necessary for their preparations is so great that it consumes considerable time. In justice to contractors who are entitled to receive their money as soon as the amount can be accurately determined, it has been our endeavor to reduce delays to a minimum.

The year speaks more for endeavor than for achievement, although considering the difficulties involved actual accomplishment has not been slight. We have sought in every instance to secure the greatest convenience for the public, we have demonstrated that a highway department may successfully do its own construction work, and through our research work we have made two definite contributions to the science of road building. We wish that we might have done more, but in view of the war we bespeak leniency of judgment.

In the appendage you will find a report of Supervising Engineer E. A. Bonney which covers in more detail the work done by department forces.

Respectfully submitted,

H. ELTINGE BREED.

ALBANY, N. Y., *January 1, 1919.*

MR. H. ELTINGE BREED, *First Deputy Commissioner.*

SIR.—In accordance with instructions issued by you and the Commissioner, my work for the past year has been almost entirely confined to the completion of contracts which were being progressed by Department forces.

This work is a departure from precedent and was forced upon us by the unusual number of defaulting contractors. It is the current custom to ascribe failure on public work operation to the war but this reasoning was only partially responsible for the various contracts which the Department was forced to complete. Most of the failures can be traced back to the ruinous competition of 1914, 1915 and 1916, brought on by the influx of many inexperienced contractors. In some cases a certified check for bidding purposes was obtained from a bonding agent; a bond procured from this agent's company; a plant bought for a few dollars plus six, nine and twelve month notes; the president of some rural bank procured as a co-partner so that the first payrolls might be met; and finally the proceeds of monthly estimates were assigned to material manufacturers so that work could proceed. Such combination as outlined above, together with the gradual increase in the cost of labor, had far more influence upon the resulting

abandonment of contracts than the entry of the United States into the world war.

In no case did this Department seek out work to be performed under its own direct supervision. The various completion projects were started only when traffic conditions became unbearable and the traveling public suffered to such an extent that a remedy was imperative.

In carrying on this work a superintendent was procured who, as a first qualification, was a live, responsible contractor; who had not defaulted on any work with this Department; and whose record for integrity and business acumen in prosecuting his own work was unquestioned. He was placed upon a straight salary basis and a rental agreement executed for such plant as was necessary to properly carry on the work. Our plant rental prices are far below the going commercial rates and will stand comparison with rentals paid at any time and place.

A representative from this Department was placed upon the work as engineer and timekeeper, if it were possible for him to do both. On some of the larger contracts two men were needed. Wherever it was possible, the individual laborers, mechanics, teams, etc., were paid by individual check, after signing vouchers and payrolls for the amount due them. Payment of wages was made twice each month and to the lasting credit of the auditor's office, no employes were lost during the summer because of failure to receive their compensation on time.

The rates for labor varied in different sections of the State from 30 cents an hour to 45 cents. In no case was the rate paid by us in excess of that paid by individuals in the same section. The labor was generally scarce, hard to procure and inefficient, at least in comparison to five years ago. The laborer knew that he could get work whenever he wanted it and cared less and less about his job as the season wore on. It was a most trying and difficult problem for the men in charge. Nevertheless, as the season progressed, the State force contracts showed a larger average of work per contract than the work carried on by individuals. The rate of progress also exceeded the other contracts. This was partly due to the co-operation which we received from the Federal government in the procurement of cars to carry material, and possibly the preference shown us by the manufacturers of materials and owners

of quarries because our credit as a purchaser was unassailable. This was particularly true in the matter of coal.

The work in general was very satisfactory as to speed and quality. The costs were not excessive although we faced a handicap of comparison at the start because most of the contracts were taken at extremely low figures and the contract prices were far below the cost of present day work.

Appended hereto are tables giving a brief description of the work on each contract. There is no necessity for complete, detail information in this report. This can be obtained at any time in the office record. Progress charts are available showing amount of work completed, time of beginning, name of superintendent, rates of wages paid, money expended and in tabulated form may be found the subdivision of said expenditures into labor, superintendence, materials, freight, etc.

The following contracts have been entirely completed as outlined above:

County Highway Nos. 410, 449, 1242, 1309, 1373; State Highway Nos. 5510, 5510-A, 5539, 5563, 5582, 5601, 5606.

In closing, I will state that it is my belief that such work should not be carried on as a general practice. It places upon the Department entirely too great an amount of detail and too much personal responsibility upon the engineers and superintendents handling it. It has proved in the last two years that it is possible and feasible as a last resort for a commissioner of highways. It prevents him from having his hands tied by wilfully obstructive tactics of a surety company as evidenced in the past by their bidding in completion work at prices far below cost after which no work would be started; and provides the citizens of our State with relief when ordinary methods of procedure fail. When kept down to a minimum and used only in the extremity, the system has proved its value.

I desire to express my thanks to both you and the Commissioner for the assistance rendered in this work and to the Auditor, whose ever ready co-operation in matters of finance and policy was of the highest value

Respectfully submitted,

E. A. BONNEY,

Supervising Engineer.

STATUS OF STATE FORCE CONTRACTS**FORT PLAIN-HESSVILLE-SPROUT BROOK**

C. H. No. 410	Montgomery County
Length	7.10 miles
Type	W. B. Macadam

First contract dated July 15, 1915; cancelled September 30, 1916, with thirty-six per cent of the work performed. Second contract dated June 9, 1917; cancelled July 6, 1917, for non-performance. This road was advertised twice for reletting, but no bids were received. Authorization for completion by Department forces was given November 10, 1917, and work was begun at once gathering field stone and hauling same to crusher during the winter. The highway was completed in October, 1918.

BURNSIDE-WASHINGTONVILLE

C. H. No. 449	Orange County
Length	3.17 miles
Type	W. B. Macadam

Original contract dated November 1, 1915; cancelled for lack of progress November 8, 1917, after 66 per cent. of the work had been completed. Completion by Department forces was authorized on March 20, 1918, and the work was finished early in July, 1918.

JAMESTOWN-STOCKTON

C. H. No. 1026	Chautauqua County
Length	3.99 miles
Type	Brick

Contract dated May 10, 1915; cancelled July 1, 1918, after 73 per cent. of the work had been performed. Completion by Department forces was authorized August 1, 1918, but work could not be started until September, 1918. The entire foundation and a considerable portion of concrete pavement was completed up to 81 per cent. of the contract items. About 265,000 brick remain to be laid and trimming and erection of guardrail for the entire length of the highway. Work should be completed not later than June 15th, 1919.

EAGLE BAY-SIXTH LAKE

C. H. No. 1098	Hamilton County
Length	4.22 miles
Type	W. B. Macadam

First contract dated June 17, 1915; cancelled on May 16, 1916, for lack of progress. Second contract dated August 11, 1916; cancelled July 15, 1918, after 19 per cent. of the work had been performed by both contractors. Completion was authorized on July 15, 1918, but work could not be started until September. The road was made passable for traffic, a little better than one mile of subbase was placed and considerable rock excavation completed. An all season's job remains this year no matter how it is handled — either by reletting or Department forces.

PUTNAM COUNTY LINE-STONEHOUSE

C. H. No. 1163 Dutchess County
 Length 6.16 miles
 Type W. B. Macadam

First contract dated September 2, 1915; cancelled for non-performance May 1, 1916, after 5.6 per cent. of the work had been finished. Second contract dated June 16, 1916, was cancelled June 10, 1917, after 15 per cent. of the work had been performed. This piece of work had been torn up by two contractors and portions of it left in an impassable condition. Completion by Department forces was authorized on August 30, 1917. Work was begun in September and 1.75 mile of top course finished that year. The balance of the grading, culverts and road metal, both top and bottom course, were completed in the year 1918. There remains to be done about 5 miles of trimming. The work should be accomplished by June 1, 1919.

HUNTER-TANNERSVILLE

C. H. No. 1242 Greene County
 Length 4.43 miles
 Type Bit. Macadam

Original contract dated May 25, 1915; cancelled for non-performance on May 29, 1917, when 45 per cent. complete. Work by Department forces authorized June 18, 1917. All culverts, rough grading and metalling completed the same year, thus throwing the road open to traffic. Trimming, erection of guide signs, guardrail, placing of cobble-gutter, etc., was finished early in the summer of 1918.

TUPPER LAKE-LONG LAKE, PART 1

C. H. No. 1258 Hamilton County
 Length 5.10 miles
 Type W. B. Macadam

Contract dated May 13, 1915; cancelled for lack of progress June 20, 1918, after 53 per cent. of the work had been performed. The northern half of this highway was through new right-of-way and absolutely impassable. The only work performed consisted of opening up and grading a sufficient length of new location so that travel was made possible between Tupper Lake and Long Lake.

BENNINGTON-ATTICA-ATTICA CENTER, PARTS 2 AND 3

C. H. No. 1267 Wyoming County
 Length 6.09 miles
 Type W. B. Macadam

Contract dated July 23, 1915; cancelled for lack of progress May 7, 1917, after 31 per cent. had been performed. This road was readvertised July 30, 1917, September 20, 1917, and April 19, 1918, no bids being received. Completion by Department forces for that portion of the work lying east of Attica was authorized on May 27, 1918. Work was not started until September, 1918, and was badly handicapped by the continued rains encountered

through that region making the heavy clay slippery and hard to work. Now that the war is stopped, I believe that the balance of the work should be readvertised. The highway now stands 40 per cent. completed.

PEEKSKILL-PUTNAM COUNTY LINE

C. H. No. 1309 Westchester County

Length 6.63 miles

Type Bit. Macadam

Original contract dated September 2, 1915; cancelled for non-performance on May 1, 1916, after 3 per cent. of the work had been accomplished. The second contract was dated June 9, 1916; the second cancellation, June 15, 1917, for nonperformance after 12 per cent. of the work had been finished. The completion of the contract was authorized by the Department June 18, 1917. This highway was a direct route from Peekskill on State Route No. 2 to the Harlem Valley by way of Lake Mahopac on State Route No. 1 and had been so disturbed by uncompleted grading that travel over it was almost impossible. The entire 6.6 miles were finished by Department forces in one year.

COLLINS CENTER-SPRINGVILLE

C. H. No. 1333 Erie County

Length 9.14 miles

Type W. B. Macadam

Contract dated December 3, 1915; cancelled for lack of progress July 7, 1918, after 24 per cent. of the work had been completed. This contract was readvertised in August, 1918, but could not be let within the money. An authorization was granted September 11, 1918, to place the highway in passable condition for traffic. This included the building of two culverts and the construction of approximately $\frac{1}{2}$ mile of gravel sub-base through deep cuts and one long fill. This was all the work contemplated by the Department.

HURLEY-KINGSTON

C. H. No. 1373 Ulster County

Length 2.73 miles

Type Concrete

Contract dated July 18, 1916; cancelled for lack of progress June 20, 1918, after 41 per cent. of the work had been completed. Completion by Department forces was authorized June 20, 1918, but work could not be started until July 15, 1918. Two miles of this highway were unfinished. The grading, guardrail, placing of concrete pavement and trimming were completed early in November, 1918.

RICHFIELD SPRINGS-WINFIELD, PARTS 1 AND 2

C. H. No. 1409 Otsego County

Length 7.87 miles

Type Bit. Macadam — Mixing method
and W. B. Macadam

Contract dated July 17, 1916; cancelled for non-performance on August 28, 1917, after 10 per cent. of the work had been performed. Completion by Department forces was authorized August 28, 1917, and work was begun late

in the fall. A small force of men worked during the winter breaking out quarry stone and delivering same along the road for sub-base and at the railroad station for shipment to the other end of the contract. During 1918 the grading and sub-base were completed for the entire job and the concrete base, curb, gutter and mixed asphalt pavement laid in the village of Richfield Springs. There remains to be completed approximately 3 miles of top course together with trimming, guardrail, etc., and work should be finished by July 1, 1919.

LAKE STREET-RIDGE STREET-HARRISON AVENUE

C. H. No. 1457	Westchester County
Length	4.62 miles
Type	Concrete

Contract dated September 29, 1916; suspended October 2, 1918, for lack of progress after 42 per cent. of work had been performed. The original contractor had worked only upon Ridge Street and had left the newly graded portion in a rough and dangerous condition. Authorization for work by Department forces was given October 2, 1918, and concrete pavement laid on the torn-up portion to make connections with two intersecting improved highways. This was all the work which had been contemplated and relieved the difficulties of traffic which prevailed prior to this time.

MARATHON-CORTLAND

C. H. No. 1500	Cortland County
Length	2.33 miles
Type	W. B. Macadam

Contract dated February 23, 1917; cancelled May 28, 1918, after 24 per cent. of work (mainly earth excavation) had been performed. Authorization by Department forces was dated May 28, 1918, but it was found impossible to begin work until late October. The contract is now 46 per cent. complete and should be finished not later than June 15, 1919.

BROCKPORT-SPENCERPORT

S. H. No. 5539	Monroe County
Length	7.31 miles
Type	W. B. Macadam

Contract dated September 28, 1915; cancelled for lack of progress on June 26, 1918, after 67 per cent. of the work had been completed. The grading had been finished on this highway. the bottom course laid for its entire length and one mile of top course completed. The use of the highway by hundreds of army trucks began to disintegrate the bottom course so that immediate action was necessary to save the work already done from rapid deterioration. Completion by Department forces was authorized on August 16, 1918. An organization was placed upon the work, bottom course repaired and the unfinished six miles of top course was finished in the remainder of the season together with erection of guard rail, guide signs and trimming of the entire 7.31 miles.

SCHENECTADY-DUANESBURG, PART 2

S. H. No. 5545

Schenectady County

Length..... 5.62 miles

Type W. B. Macadam

Original contract dated May 14, 1915; cancelled September 20, 1915. Second contract dated November 26, 1915; cancelled September 6, 1916. Third contract dated September 26, 1916; cancelled August 2, 1918. Total of work under three contractors, 42 per cent. Completion by Department forces was authorized August 2, 1918, but little could be accomplished because of the proximity of the Government warehouse at South Schenectady. This was a war project. Extremely high wages were paid because of the absolute necessity for a large amount of labor. The Department could not consider paying higher prices at a time the country was at war with the result that little could be accomplished except the repairs to sub-base, the building of a large fill near Station 270 and the drainage improved for the entire length, so that the road was made passable for the traffic at all seasons. Fifty-one per cent. of the contract items were completed at the close of the work. About four months will be necessary to finish the work this season.

LOCKPORT-McNALLS

S. H. No. 5563

Niagara County

Length..... 5.07 miles

Type..... Concrete and brick

This contract was dated June 26, 1915. It was cancelled for non-performance on May 31, 1916. Readvertised August 23, 1916. No work performed. Cancelled the second time June 13, 1917. Completion by Department forces authorized June 14, 1917. The work performed by original contractor consisted of the laying of concrete base and curb for 2,000 feet within the city of Lockport. A small amount of brick was laid together with approximately 1½ miles of rough grading on the east end of the road. The second contractor did no work whatsoever. The condition of the highway without any maintenance became so bad in the spring of 1917 that many accidents were reported and it was impossible to haul a loaded vehicle over the highway. After work began with State forces the entire length of the highway was graded and ditched, making the road passable for traffic, and approximately 5,000 feet of pavement laid in 1917. The balance of the road was completed in the early fall of 1918.

MIDDLEBURG-BREAKABEEN

S. H. No. 5577

Schoharie County

Length 7.96 miles

Type Bit. Macadam

Original contract dated August 31, 1915; cancelled September 30, 1916, for non-performance after 23 per cent. of the work had been performed. This road was readvertised on May 7, 1917. Only one bid was received and that above the funds available. The work performed by original contractor consisted only of the grading of 1¾ miles on the southerly end and the placing of sub-base thereon. This sub-base was rapidly disintegrating under heavy traffic from trucks carrying milk. That portion of the highway lying between

the sub-base and the railroad shipping point at Middleburg was a narrow, dangerous, single track road so that completion was demanded not only to save the work already performed but the balance of the road was needed to make said work of any value. Completion by Department forces was authorized on June 22, 1917. A top course laid on the completed sub-base was placed that year together with considerable rough grading. During 1918 the balance of the highway has been graded, culverts placed and sub-base for its entire length, with 2 miles additional of top course, laid.

MOHAWK-PAINES HOLLOW

S. H. No. 5579 Herkimer County
 Length 6.55 miles
 Type W. B. Macadam

This contract was dated August 30, 1915; cancelled for non-performance on August 29, 1917, after 49 per cent. of the work had been accomplished. Authorization for completion by Department forces was procured on August 29, 1917. Quarry stone was broken out during the winter of 1917-1918, and the entire top course finished during the year 1918. All of the guardrail was erected and most of the trimming completed. There remains but 10 per cent. of the work to be done, which should be completed in six weeks after it starts.

LE ROY-PAVILION, PART 2

S. H. No. 5582 Genesee County
 Length 4.53 miles
 Type W. B. Macadam

This contract by means of new location eliminated two dangerous grade crossings. The original contractor performed no work. The second contractor accomplished what earth excavation could be done economically by his steam shovel, after which he abandoned the contract. Completion by Department forces was authorized on June 14, 1917. The work was completed in August, 1918.

CAIRO-WINDHAM, PART 2

S. H. No. 5583 Greene County
 Length 4.77 miles
 Type Bit. Macadam

Contract dated August 31, 1915; cancelled for lack of progress May 17, 1918, after 37 per cent. of the work had been performed. Completion by Department forces was authorized May 17, 1918, but work could not be started until August, 1918. During the balance of the season 44 per cent. additional was performed. There remains one mile of grading, sub-base and top course to be placed together with guardrail, trimming, etc. Work should be completed not later than July 1st, 1919.

SYRACUSE-FAYETTEVILLE

S. H. No. 5587 Onondaga County
 Length 5.12 miles
 Type Concrete and brick

Original contract dated April 21, 1916; cancelled on June 8, 1917, for non performance with 37 per cent. of the work finished. This highway was tor

up from end to end by the original contractor and traveling conditions became untearable so that even access to a cemetery was perilous. Completion by Department forces was authorized on June 20, 1917, and carried through until the close of the season. The road was shaped up so as to permit travel. In 1918, because of the shortage of labor and available superintendents, the balance of the completion work was delayed until the organization completing S. H. No. 5563 could be moved to this work. The work performed this year consisted of widening shoulders, erection of guardrail, placing of cobble-gutter and the trimming of that portion of the highway upon which concrete pavement had been previously laid. Six thousand feet of pavement remain to be placed outside of the city and approximately 2,500 feet within the corporation.

KAATERSKILL CLOVE

S. H. No. 5588	Greene County
Length	3.95 miles
Type	W. B. Macadam

Contract was dated August 31, 1915; cancelled for lack of progress June 13, 1918, after 35 per cent. of the work had been performed. Completion by Department forces was authorized June 13, 1918. This highway is an extremely heavy piece of construction, most of it on new location up the mountain side. It is a steam shovel job and the difficulties are aggravated by the tendency of the material to slough and slide. Heavy dry masonry breast walls are necessary to support the road. Work was stopped in January, 1919, for lack of funds. This highway was constructed from a special appropriation instead of from bond issue moneys.

TUCKAHOE-WHITE PLAINS

S. H. No. 5606	Westchester County
Length	2.74 miles
Type	Concrete

Contract dated May 14, 1917; cancelled July 10, 1918, after 60 per cent. of the work had been performed. Completion was authorized by Department forces on July 10, 1918, and the job was finished late in October of the same year. This work was one of the main trunk highways between White Plains and New York City, and its completion in record time relieved an intolerable situation.

76 ANNUAL REPORT OF STATE COMMISSIONER OF HIGHWAYS

COMPARISON OF NUMBERS OF MEN WORKING ON STATE FORCE AND OTHER HIGHWAY CONSTRUCTION CONTRACTS DURING SEASON OF 1918

Week ending	STATE FORCE WORK			CONTRACT WORK		
	No. of Contracts	No. of Men	Average No. of Men	No. of Contracts	No. of Men	Average No. of Men
April 12.....	8	342	42.7	11	190	17.3
19.....	8	404	50.5	17	282	16.6
26.....	9	547	60.8	27	506	18.7
May 3.....	9	567	63.0	38	627	16.5
10.....	9	572	63.5	53	915	17.2
17.....	9	575	63.9	60	1,040	17.3
24.....	10	543	54.3	61	909	14.9
31.....	10	553	55.3	65	1,124	17.3
June 7.....	10	552	55.2	67	1,167	17.4
14.....	10	537	53.7	71	1,236	17.4
21.....	10	523	52.7	70	1,272	18
28.....	9	473	52.6	74	1,284	17.4
July 5.....	8	435	54.4	71	1,177	16.6
12.....	8	433	54.1	72	1,257	17.4
19.....	8	384	48.0	60	984	16.4
26.....	8	381	47.6	56	914	16.3
Aug. 2.....	8	402	50.2	51	846	16.6
9.....	11	634	57.6	49	863	17.6
16.....	11	680	61.8	50	866	17.3
23.....	10	668	66.8	50	793	14.9
30.....	10	664	66.4	48	772	16.1
Sept. 6.....	13	685	52.7	48	697	14.5
13.....	13	691	53.1	50	670	13.4
20.....	13	651	50.1	48	640	13.3
27.....	13	572	43.9	43	554	12.9
Oct. 4.....	14	547	39.0	34	391	11.5
11.....	14	518	37.0	41	466	11.4
18.....	15	525	35.0	36	339	9.4
25.....	14	456	32.6	37	399	10.8
Nov. 1.....	14	417	29.8	30	287	9.6
8.....	14	418	29.8	28	285	10.2
15.....	13	371	28.5	21	260	12.4
22.....	11	311	28.3	22	217	9.9
29.....	10	258	25.8	22	171	7.8
Totals (34 wks).	364	17,289	Av.47.4	1,581	24,400	Av.15.4

REPORT OF SECOND DEPUTY-- MAINTENANCE AND REPAIRS

ALBANY, N. Y., *January 1, 1919.*

HON. EDWIN DUFFEY, *Commissioner of Highways.*

SIR.— I have the honor to submit herein the annual report of the Bureau of Maintenance, Repair and Reconstruction of the improved State and county highways, for the fiscal year ending December 31, 1918.

As a preface to the statistical data of such report, it would appear pertinent to set forth and record a few of the salient features which prevailed during this year of national emergency and which influenced to a large extent the efforts and results obtained by the maintenance organization.

On November 1, 1917, the National Priority Board issued and placed in effect priority order No. 2, which order prohibited the shipment of highway materials in open top cars. This order not only prevented the customary delivery of maintenance material in the fall for early spring use, but also made it impossible to determine whether as spring and summer arrived any highway material could be obtained by rail from commercial sources of supply.

Under normal conditions at least 90 per cent. of all crushed stone used by the maintenance organization is obtained from commercial quarries; also under such conditions it has been the practice to expend about 40 per cent. of our maintenance appropriation in the heavy resurfacing and reconstruction of about 4 per cent. of the total pavements.

Anticipating difficulty in obtaining labor, materials and transportation, it was determined to eliminate from the season's program all anticipated work of resurfacing and reconstruction and to request appropriations only sufficient for general maintenance and repair work.

After reviewing the experience of the past season and the difficulties which prevailed in securing labor, material and transportation, I feel justified in stating that the aforesaid action was wisely taken as in all probability had the money been made available, it could not have been expended and contracts, if awarded at all, would have been at extremely high prices.

During the winter of 1917 and 1918, the War Department decided to transport a large number of army trucks over the principal improved route across the State. The heavy fall of snow during the winter interfered with such movement of trucks and resulted in the accumulation of a large number at the factories in the western part of the State. As soon as the snow receded from the highways, the War Department started large convoys of trucks from the factories, notwithstanding the request of this Department that such movement of trucks be deferred until the frost had left the ground and the subsoil settled into a stable condition, which resulted in breaking up and destroying about thirty miles of pavement on the main improved route across the State.

The Legislature being in session at this time voted an emergency appropriation of one million dollars for highway purposes, of which \$840,000 was set aside for maintenance, repair and reconstruction of the improved State and county highways which were extensively used by army trucks.

Early in the year, it became apparent that there would be a shortage in the supply of bituminous materials such as are used in highway improvement and repair work and many of the producers of such materials refused to enter into contracts to furnish such materials or to make deliveries to contractors on contracts awarded the previous year. The contractors who held uncompleted contracts for resurfacing where asphalt binder was required were unable to obtain assurance of the delivery of the material and work was not started early in the season on any of such contracts.

As the result of the usual advertisement for furnishing bituminous material for use directly by the Department, one asphalt refining company and one tar refining company submitted qualified proposals which, however, could not consistently be incor-

porated into contracts. Informal agreements were entered into with these companies to furnish the respective materials at the prices submitted in their proposals, but before 10 per cent. of the total quantity required had been shipped, the United States Fuel Administration issued an order that no bituminous material should be shipped by the refiners for use in highway construction and maintenance purposes, except as authorized by such fuel administration.

Learning of the proposed action of the Fuel Administration, members of this Commission proceeded to Washington and appeared before the Oil Division of the Fuel Administration, at its first meeting after the issuance of the aforesaid order, and presented applications for all of the bituminous material required for the anticipated maintenance and repair work of the season. The Fuel Administration, however, would only authorize shipment of about 50 per cent. of our requirements which, however, was sufficient for the time being and permitted shipments of the material to continue without interruption. Additional applications were made from time to time which were approved by the Fuel Administration, with the result that our full requirements were ultimately supplied.

As the season advanced, the general shortage of bituminous material was much less than at the opening of the season and during the latter part of the season it was possible to obtain shipment of all such material as was required.

The result of the shortage of this material in the forepart of the season is that six contractors having uncompleted resurfacing contracts awarded the previous year, being unable to obtain the material, did not resume operations and the work was finally put over until the following year.

The shortage also resulted in the restriction of surface treatments of macadam pavements to the least possible amount consistent with proper preservation of the pavements.

In the following tables, I have summarized the expenditures for maintenance and repair purposes during the past year and, following the practice of previous years, I have included in the table of contracts those which were awarded during the year, rather than the total amount expended by the contract method.

There was a larger amount expended in payments on contracts awarded the previous year than remains unpaid on contracts awarded during the past year. By this method, the total expended as shown by the Auditor's report will be considerably in excess of the total expended and obligated as shown in the accompanying table.

The following contracts were awarded:

Two contracts for the reconstruction of highways with a different type of improved surface, aggregating 3.57 miles, at a total cost of.....	\$65,183 31
Six contracts for the reconstruction of highways with new foundation course and the same type of improved surface, aggregating 19.54 miles, at a total cost of.....	433,758 05
One contract for the resurfacing of badly worn macadam pavement, aggregating 1.71 miles, at a total cost of.....	26,315 90
One contract for heavy surface treatment of macadam pavement, aggregating 3 miles, at a total cost of.....	15,793 42
Sixteen contracts for light surface treatment of concrete and macadam pavements and gravel surfaces, aggregating 427.96 miles, at a total cost of	270,082 56
One contract for the construction of a storehouse for equipment, at a total cost of.....	7,852 77
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A total of 27 repair contracts have been awarded, authorizing a total expenditure of	\$818,986 01
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The funds expended directly by the Department may be segregated into the following units:

Direct Charges

Wages for:	
Patrolmen	\$572,400 93

Foremen	\$118,299	34
Laborers, mechanics and teams.....	1,334,670	42
Total	\$2,026,460	69
Materials:		
Broken stone	\$508,368	76
Sand and gravel	30,750	59
Bituminous material	879,025	82
Cement	47,053	00
Miscellaneous	70,287	75
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Total	1,535,485	92
Rental of equipment:		
Rollers	\$28,674	87
Motor trucks	92,557	21
Distributors	5,711	00
Crushers	3,432	24
Miscellaneous	9,455	73
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Total	139,831	05
Purchases of supplies for equipment.....	68,540	87
Miscellaneous	3,084	22
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Total of direct charges.....	\$3,773,402	75

*Overhead Charges***Salaries of engineers:**

Administration and general		
division supervision	\$31,670	86
Clerical and accounting	39,037	82
Planning, designing and estimating	7,137	67
Inspection and supervision of contract work	25,284	78
Supervision and direction of departmental work	120,244	91
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Total	\$223,376	04

Engineering expense, travel and subsistence	\$54,774 30
Rents:	
Office	\$7,813 92
Storage for equipment	7,266 86
Total	15,080 78
Purchase of equipment and tools.	167,368 67
Advertising	1,892 79
Supplies, office	852 25
Miscellaneous	3,690 03
Total of overhead charges	\$467,034 86
Total expended directly by the Department	\$4,240,437 61
Total expenditures and contract obligations	\$5,059,423 62

The work accomplished directly with the departmental equipment, labor and materials includes the following:

Maintenance by patrol system 5,895 miles of low grade concrete and macadam pavements and gravel surfaces, at a cost for labor and material of \$1,321,653.

Reconstructing old macadam with concrete six inches in depth 1.42 miles, at a cost of \$27,605.

Resurfacing old pavement with macadam top course two or more inches in depth 310,278 square yards, at a cost of \$351,667.

Heavy surface treatment with bituminous material and stone from one-half to one inch in depth 128,810 square yards, at a cost of \$57,333.

Light surface treatment with bituminous material and cover 719 miles of low grade concrete, macadam and gravel surface highways, at a cost of \$360,472.

Restoring in a permanent manner, 244,226 square yards of macadam pavement, which had broken through under traffic during the spring months, at a cost of \$517,574.

Making extraordinary repairs occasioned by cloudbursts and floods, at a cost of \$48,726.

Miscellaneous repairs to pavements, shoulders, ditches and guard railing by gang labor on 4,619 miles, at a cost of \$913,569.

New retaining walls, culverts, etc., where none had previously been provided, at a cost of \$17,736. Widening and banking pavements 53,315 square yards, at a cost of \$73,933. Widening roadways 60.38 miles, at a cost of \$58,242. Miscellaneous improvements, at a cost of \$24,893. Total expended on improvements \$174,804.

Of the nine contracts which were awarded for resurfacing and reconstruction, seven were for restoring the destroyed pavements on the principal route across the State which was extensively traveled by army motor trucks, which contracts were financed from the so-called emergency appropriation; the other two contracts were obligated against unexpended balances of the previous year's appropriation, which balances were the result of failure to obtain proposals for work advertised during the season of 1917.

Under normal conditions, it has been the practice to expend by contract about one-half of the total amount available, but the elimination of the item for resurfacing and reconstruction from the appropriation, eliminated the major portion of the work ordinarily performed by contract. The contract obligations for the past year were accordingly reduced to an amount which is but about 16 per cent. of the total expenditure.

Among the items of expenditures made directly by the Department will be found a considerable sum which was expended for the purchase of equipment and tools.

In view of the embargo placed on shipments of highway materials in the fall of 1917, it appeared desirable to install a stone crushing plant in each Division and also to materially increase the number of motor trucks which are owned by the Department. The larger units of equipment purchased during the year include the following:

- 9 complete stone crushing outfits.
- 6 ten-ton road rollers.
- 1 six-ton road roller.
- 10 three-ton motor trucks.

- 26 one-ton motor trucks.
- 4 oil distributors.
- 31 mechanical mixers for mixing bituminous material with crushed stone.
- 18 dump wagons.
- 5 road scrapers.

Even with these large additions to the equipment owned by the Department, it will be noted that the expenditures for the rental of equipment would appear to justify additional purchases.

The most essential units of equipment necessary for the successful operation of work of the Department are the light one-ton trucks which are used to transport labor from the centers of population to the work on the highways.

The labor cannot be found in the vicinity of the work and must be transported from the small hamlets or villages, perhaps five or ten miles distant. The truck not only transports the men rapidly but makes the work more attractive to the men. The trucks are also used in the distribution of materials from the maintenance piles.

It will be noted that the total expended for engineering salaries and expenses is but about five and one-half per cent. of the total amount expended, which is somewhat less than the average cost of engineering and supervision for this class of work.

The purchase of a considerable quantity of equipment in each of the nine divisions necessitates the rental, purchase or construction of suitable storehouses where the equipment may be stored, overhauled and repaired during the winter season.

Along the line of the Erie canal, there are suitable state lands which can be obtained for storage purposes.

On such State owned lands adjacent to the Barge canal, in the vicinity of Waterford, Saratoga county, a storehouse and repair shop were constructed by contract during the past season.

It would appear advisable to build at least one such storehouse in each Division.

The expenditures from the emergency appropriation have been included in the general statement of expenditures as hereinbefore set forth.

Of the total appropriated in this Act, chapter 338, Laws of 1918, \$340,000 were apportioned to the work of repair and reconstruction of the principal improved routes across the State which were extensively traveled by army motor trucks.

The principal route so traversed by army trucks extends from Buffalo to Syracuse to Albany, via the Mohawk Valley, thence across the Hudson river to Rensselaer and down the east side of the Hudson to Beacon, crossing the Hudson again to Newburgh and southerly to the New Jersey State line at Suffern, a distance of about 440 miles.

The section where the greatest damage was occasioned by this unusual traffic is in the vicinity of Rochester, where for about one hundred miles peculiar local climatic conditions developed a subsoil condition favorable to destruction of macadam pavements by heavy traffic at a time immediately after the frost left the ground.

From the Cayuga-Seneca County line, west to the Genesee-Erie County line, a distance of about ninety miles, at least 25 per cent. of the macadam pavements on the main route were destroyed in one week's time by this unusual traffic of army trucks, many of which were loaded, following one after the other in convoys of 60 to 100 trucks each.

From the Cayuga-Seneca County line, easterly to Syracuse, a distance of about thirty-five miles, about 10 per cent. of the macadam pavements were destroyed and from Syracuse easterly to Albany and southerly to the New Jersey State line, a distance of about 285 miles, not to exceed 5 per cent. of the macadam pavements which were traversed by this same extraordinary traffic were appreciably affected thereby.

Another peculiar feature observed was that in the Rochester district, many supposedly first-class pavements were badly broken up, while many pavements on the route east of Utica and south of Albany known to be weak and which have heretofore given trouble did not break up to any great extent by this same traffic.

The results would indicate that there must have been some climatic conditions that prevailed in the Rochester district which tended to produce peculiar conditions of the subsoil, resulting in

an unstable foundation for the pavements, which climatic condition did not prevail in the other sections traversed by this main route.

The expenditures from the Emergency Fund have been segregated into the following classifications:

Performed by Contract

Six contracts for the reconstruction of destroyed pavements with new bituminous macadam pavement 8 inches in depth and 16 feet in width, aggregating 19.54 miles in length, at a total cost of	\$433,758 05
One contract for the reconstruction of destroyed pavements with new concrete pavements 7 inches in thickness, 18 feet in width and 3.17 miles in length, at a cost of \$53,223.23 for labor and \$64,173.18 for materials, which latter is included in departmental expenditures	53,223 25
Total expended and obligated by contract..	<u>\$486,981 30</u>

The funds expended directly by the Department may also be segregated into the following units:

Direct Charges

Foremen	\$12,385 14
Laborers, mechanics and teams..	123,184 35
Total of personal service.....	<u>\$135,569 49</u>
Materials:	
Broken stone	\$83,105 94
Sand and gravel	14,512 82
Bituminous material	51,157 77
Cement	29,936 00
Miscellaneous	2,664 98
Total for materials.....	<u>181,377 51</u>

Rental of equipment:

Rollers	\$1,766 25
Motor trucks	6,576 25
Miscellaneous	493 35
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Total of rental equipment.....	\$8,835 85
Purchase of supplies for equipment.....	1,957 37
Miscellaneous	135 62
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Total of direct charges.....	\$327,875 84
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Overhead Charges

Salaries of engineers	\$8,972 26
Engineering expenses, travel and subsistence...	2,127 38
Purchase of equipment and tools.....	691 64
Supplies, office	39 00
<hr/>	
Total of overhead charges.....	\$11,830 28
<hr/>	
Total expended directly by the Department.	\$339,706 10
<hr/>	
Total expenditure both by contract and directly by the Department.....	\$826,687 42
<hr/>	

The work accomplished with the expenditures made directly by the Department as represented by the above table, under the heading of "Direct Charges," included the following:

Resurfacing of old pavement with new bituminous macadam three inches to eight inches in depth, 94,956 square yards, at a cost of \$130,207.14.

Heavy surface treatment with bituminous material and stone from one-half inch to one inch in depth, 7,810 square yards, at a cost of \$1,949.89.

Light surface treatment with bituminous material and cover, 5.86 miles, at a cost of \$5,605.68.

Restoring in a permanent manner 38,967 square yards of macadam pavement which had broken through as a result of the army truck traffic, at a cost of \$94,163.51.

Miscellaneous repairs to pavements, shoulders, ditches and guard railing by gang labor on 106 miles, at a cost of \$23,903.31.

Cost of materials for construction of 3.17 miles of new concrete pavement where work was performed by contract \$64,173.12.

New concrete culverts	\$154 55
Widening and banking pavements, 280 square yards, at a cost of.....	184 00
Widening roadway, 3.74 miles, at a cost of.....	7,259 62
Miscellaneous improvements, at a cost of.....	275 00

Of the seven contracts awarded, all have been completed and accepted with the exception of R. C. No. 1166, which provides for the repair and reconstruction of all of the broken areas on the main line across Seneca County.

The total contract price of this contract is \$68,196.40 and the total amount of work performed at the close of the season is \$58,418.27, leaving \$9,778.13 as the value of the work yet to be performed on this contract.

The principal reason for the non-completion of this contract is that the crushed stone was produced by the contractor with a local crusher on the site of the work, which required a much larger force of laborers than where the material was shipped in from commercial sources of supply. The general scarcity of labor throughout the season made it difficult for this contractor to progress work at a normal rate of speed.

The expenditures from this fund were made for work performed in the various counties traversed by the army trucks, as follows :

<i>County</i>	<i>Amount</i>
Erie	\$1,712 79
Genesee	165,803 49
Livingston	52,616 50
Monroe	79,506 06
Ontario	256,618 75
Seneca	77,660 43
Cayuga	19,166 10
Onondaga	15,823 10
Madison	3,968 73

County	Amount
Oneida	\$16,834 63
Herkimer	1,969 68
Montgomery	51,215 90
Albany	3,986 95
Rensselaer	3,817 56
Columbia	56,818 10
Dutchess	10,439 43
Putnam	4,749 98
Westchester	484 14
Orange	3,495 08

The individual sections of macadam pavement which were destroyed varied from a few feet to a mile in length, the ordinary condition being lengths of 200 feet to 1,000 feet of broken pavement, with intervening stretches of somewhat greater lengths of pavement which did not present any appreciable deterioration from the extraordinary traffic.

The limited funds available would only permit the reconstruction of the sections that were actually destroyed. A tentative rule in the reconstruction was to extend all new sections to a minimum length of two hundred feet and to make the new work continuous where the intervening sections of unbroken pavement were less than three hundred feet in length.

As an illustration, Repair Contract No. 1159 provided for the reconstruction of twenty separate sections with new concrete pavement, aggregating 3.17 miles in length. These twenty separate sections are distributed over eleven miles of the main route between Geneva and Canandaigua. In view of the necessity of maintaining traffic over this important highway, the concrete pavement was constructed in two longitudinal strips, each nine feet in width. By this method, a single track roadway was maintained adjacent to the work. This plan worked out satisfactorily where the individual sections were not over 1,000 feet in length and where it was possible for drivers to observe the entire length of the single track roadway before entering thereon. Where the sections were over 1,000 feet in length and where it was impossible to observe the entire length of the single track, much confusion with unsatisfactory traffic conditions prevailed.

As a result of our experience, it would appear necessary where it is proposed to construct a new concrete pavement in two strips and maintain traffic by a single track roadway, that the pavement be built in sections not to exceed 1,000 feet in length, leaving intervening sections of not less than 300 feet of the old roadway for passing points of the two-way traffic. After the two longitudinal strips have been completed and opened to traffic, the intervening sections may be constructed.

Following the practice of several years, the total expenditures for maintenance and repair have been distributed to the various types of pavements upon which the funds have been expended.

This distribution for the year 1918 has been combined with the experience of the past three years, and in the following table is shown the average cost per year and the average number of miles maintained for a period of four years, 1915 to 1918 inclusive, for the types of pavement having a material mileage represented in the State Highway system. Types of pavement having a limited mileage have been eliminated from the table.

In this table, the cost of reconstruction to a different type of pavement has not been distributed, as it would not seem a proper charge against the maintenance of a macadam pavement to charge the cost of reconstructing same with a new concrete pavement, which has been occasioned by an increase in traffic conditions, requiring a more permanent type of pavement. Where a macadam pavement has been resurfaced, which resurfacing is naturally to be expected with such a type of pavement, the cost has been distributed to the maintenance of the particular type of pavement.

Table

Average cost per mile per year for four years 1915 to 1918, for maintenance, repair and resurfacing but not including reconstruction to a more permanent type:

2,793 Miles bituminous macadam, penetration	
method	\$490 per mile
89 Miles bituminous macadam, mixing	
method	356 per mile
2,451 Miles waterbound macadam	911 per mile

173 Miles gravel	843 per mile
208 Miles first class concrete.....	138 per mile
291 Miles second class concrete.....	938 per mile
284 Miles brick	210 per mile
Total 6,333 miles of all types.....	659 per mile

The average cost of maintaining the various types of pavements as set forth above should be the most reliable of any similar information published, which is the result of experience on this continent, as the number of miles involved as represented in the above table is greater than that of any other state or municipality and, combining the costs of four years, for such a large mileage, should give a reliable comparison of average cost of maintenance and repair of the various types of pavement ordinarily used for country highway improvement.

I desire to repeat the recommendation contained in my annual reports for several years past, which is in effect that traffic upon the improved highways should be controlled by legislative enactment to the extent of limiting the gross load of vehicle permissible upon the highways.

The number of motor trucks and busses operating over the long stretches of improved highways is increasing rapidly from year to year.

The records of the Secretary of State indicate that the total number of trucks and busses registered in the year 1915 was 23,411, while in 1918 the total number of such vehicles registered was 93,324, an increase of three hundred per cent. in three years.

The size and carrying capacity of the vehicles are also increasing from year to year.

The truck interests are now advocating a uniform motor vehicle law authorizing a gross load of fourteen tons, with a speed of twenty miles per hour.

The State, counties and towns have approximately two hundred million dollars invested in highways, improved with a type of pavement designed to carry with safety a gross load of four tons, moving about four miles per hour.

What the result will be when a number of these heavy motor vehicles of fourteen tons gross load, traveling twenty miles per

hour, are installed as regular freight carriers operating over long stretches of pavements that were never designed for such traffic, should be considered at this time and if it is decided to permit the operation of motor trucks and busses without restriction as to the gross load, some provision should be made for a method of financing the cost of reconstructing the macadam pavement with a pavement of more permanent type, other than by direct appropriation.

This is no dream of the future as we now have freight trucks making daily trips from Buffalo to Rochester, Rochester to Syracuse, Utica to Albany, Albany to Poughkeepsie, and large numbers of shorter trip routes.

This traffic is here to stay, but it can be regulated and still remain profitable, and such regulation will permit the people of the State to obtain a fair return for the money already invested.

Based on observation of the effect of this heavy traffic on the improved highways of the State, I would recommend that the gross load of any vehicle operating regularly over the improved highways be restricted by legislation to seven tons, except where permit from the State Highway Commission is obtained to operate a vehicle of greater weight up to twelve tons gross load.

By this method, the Commission may control the traffic of the heavy vehicles, both as to highways which may be traveled by this class of traffic and restrictions as to operation during the spring months.

There may be no appreciable damaging effect of an occasional heavy load traveling over a macadam pavement in the summer months, even though the bond between the fragments of stone be broken, as the lighter traffic tends to unite and rebuild the fragments of the mineral aggregate of the pavement.

With a limited amount of heavy traffic, the only apparent damage is the formation of depressions in the surface of the macadam pavement, which becomes rough and uneven.

As the volume of heavy traffic increases, the effect is more apparent, the depressions become more pronounced, the bond is destroyed and the pavement displaced and shoved out and up at the edges.

In some sections where the macadam pavements are thus being destroyed, an effort is being made to reinforce the same by a nar-

row strip of concrete laid along the edges of the pavement on each side thereof.

All of these remarks apply to summer conditions when the subsoil is in a more or less stable condition.

But the result of this overloading of the pavement beyond the limits for which it was designed is much more apparent in the spring and early summer, after the unstabilizing effect of frost on the subsoil, and during the period while the subsoil is regaining its stability after the frost leaves the ground.

Should the climatic conditions during the winter season be favorable to producing an unstable condition of the subsoil, after the frost leaves the ground, the thin macadam pavements weave and buckle under the heavy loads and break through and are destroyed in numerous areas of varying extent.

Even with the restrictions to traffic herein recommended, it will be necessary to reconstruct a large amount of the improved highway system with a more substantial pavement within the next few years.

Respectfully submitted,

FRED W. LARR,

Second Deputy Commissioner.

REPORT OF THIRD DEPUTY-- BUREAU OF TOWN HIGHWAYS

ALBANY, N. Y., *February 1, 1919*

HON. EDWIN DUFFEY, *Commissioner of Highways, Albany, N. Y.:*

DEAR SIR.— I have the honor to submit the annual report of the Bureau of Town Highways for the fiscal year ending October 31, 1918.

The town highway system, consisting in round numbers of 71,000 miles of public highways, and 33,000 bridges, is now recognized as one of the chief assets of the Empire State. The initial movement made by the Legislature to aid the towns to repair the earth roads, located outside of villages and cities, has developed an auxiliary system of improved roads to that of the State system.

The mileage of town highways which have been improved either of gravel, macadam, bituminous or concrete since the date this Bureau was established, in round numbers, are 13,000 miles.

This achievement has been accomplished by the steady increase of funds made available to the towns. At the present time, thirty-one of the fifty-seven counties are assisting the towns by raising a tax, collected as a county tax under the provisions of Section 320 and 320-A of the Highway Law. The State appropriating \$2,050,000 from its General Fund, and \$1,400,000 from motor vehicle fees. These amounts, together with a portion of the Town Highway Tax, allows approximately \$7,000,000 available for permanent improvements and approximately \$5,000,000 to be expended for the general repair of all town highways, repair and construction of bridges, repair and purchase of road machinery and for the removal of snow and other miscellaneous purposes.

The accounting of these funds requires constant attention by this Bureau. Each account as carried by the town officials of the 932 towns is examined by the district supervisors of this Bureau, and in turn their reports are examined and verified at this office before becoming effective.

Since making my last report, a "Time Book" to be used by all

Town Superintendents has been included in the system of accounting. We find these books to be of great aid to the town officials.

The highways and bridges on the Indian Reservations are gradually being included in the same category as those in the Town Highway System. The amount of \$60,000 was appropriated by the State during the past year for this class of work. Of this amount \$28,000 was used towards the construction of a long span bridge on the Allegany Reservation, which was obligated by contract in the same manner as are awarded the contracts for State and County highways. The remaining amount has been used for the general repair and improvement of the 356 miles of highways and their intersection bridges located within the seven reservations.

The permanent improvements made by the Town Highway System during the past year consist of the following:

7,219 culverts; 402 bridges, varying in span from five feet to over 100 feet; 459 miles of macadam or similar type; 235 miles of gravel and 7 miles of concrete highways.

The mileage of town highways now improved totals 6,209 miles of town macadam or of similar construction; 6,712 miles of gravel; 24 miles of concrete and warrenite.

There are 700 miles of improved "county roads" located in the counties of Franklin, Nassau, Putnam, Rockland and Onondaga which are financed at the sole expense of the county where located.

The following statement shows the amount of receipts, expenditures and balances on hand in the Highway, Bridge, Machinery and Miscellaneous funds of the Town Highway Account.

Statement of Town Highway Accounts

Fund	Receipts	Expenditures	Balance
1. Highway	\$9,046,902 26	\$7,067,937 15	\$1,978,965 11
2. Bridge	1,532,666 44	1,135,079 41	397,587 03
3. Machinery	465,652 43	381,068 62	84,583 81
4. Miscellaneous	969,102 60	839,153 94	129,948 66
Total	\$12,014,323 73	\$9,423,239 12	\$2,591,084 61
Deduct	112,430 23	112,430 23	.....
Totals	\$11,901,893 50	\$9,310,808 89	\$2,591,084 61

NOTE.—The amount \$112,430.23 was transferred from one fund to another, therefore, to show the actual amount of receipts and expenditures it is necessary to make this reduction.

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The above amount \$11,901,893.50 which was available for town highway purposes during the year 1918 includes \$2,046,916.37 paid by the State as State aid and \$968,575.16 derived from motor vehicle fees as allotted by the various Boards of Supervisors (approximately \$500,000 balance of motor vehicle fees received by the counties during the year has not been allotted to the towns at this date).

During the year each town highway account was examined by the District Supervisors and as a result of such examination, corrections were made which will be adjusted by the town officials in their accounts kept for the present year.

STATEMENT OF AUDIT

Credits

Amount reimbursed to highway, bridge and miscellaneous funds	\$35,514 46
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Debits

Amount charged to the highway, bridge and miscellaneous funds	17,800 18
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Difference

Amount reimbursed by cash to the highway account	17,714 28
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These corrections affect 435 of the 932 towns and vary from a few cents to hundreds of dollars, due largely to the misconceptions of the Highway Law and Town Law by town officials. Many of the items are found to be charged against the wrong fund and are adjusted in the following year's account.

Tabulated statements showing in detail the receipts and expenditures for town highway purposes in each town are given herewith, all of which is

Respectfully submitted,

BENJ. J. RICE,
Third Deputy.

**STATEMENT SHOWING RECEIPTS AND EXPENDITURES
IN REGARD TO TOWN HIGHWAYS AND BRIDGES IN
EACH TOWN**

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ALBANY COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Berne.....	135	\$2,100 00	\$10,296 47	\$6,201 41	\$2,025 06	\$1,281 19	\$1,287 06	\$24 14	\$54 37	\$38 10	\$16 18	\$256 49	\$200 96	\$55 54
Belehem.....	109	3,289 19	20,324 45	2,254 45	2,786 04	3,016 84	2,914 02	102 82	553 37	563 37	432 46	2,316 05	2,216 06	83 94
Coeymans.....	96	2,450 00	12,810 07	3,774 35	2,033 24	6,127 43	664 43	4,463 99	521 20	583 54	432 46	2,390 39	2,246 91	83 94
Coyle.....	127	7,500 00	28,810 44	27,612 80	3,053 84	5,500 00	500 00	.....	500 00	500 00	.....	1,678 51	1,002 89	83 23
Guiderland.....	126	2,100 00	10,084 43	7,721 20	3,052 88	3,630 05	3,370 63	269 43	524 70	513 68	12 06	1,923 49	1,851 17	83 23
Knox.....	86	1,200 00	7,107 43	3,121 20	3,375 29	464 80	257 08	207 74	109 83	109 83	12 06	337 40	337 40	21 46
New Scotland.....	145	2,875 00	12,789 37	4,631 75	2,152 67	766 59	766 59	.....	709 90	738 99	470 91	3,243 55	3,211 11	33 44
Russelsville.....	144	2,365 20	11,286 83	7,483 02	7,224 80	1,000 00	997 89	2 11	438 48	483 48	470 91	1,018 85	7,027 70	316 15
Westerlo.....	140	2,500 00	11,403 90	10,397 03	1,006 93	1,009 66	446 16	163 50	503 82	497 59	6 23	2,285 31	1,914 05	371 37
Totals.....	1,002	\$26,439 23	\$128,306 13	\$86,975 53	\$29,330 80	\$17,723 63	\$11,173 83	\$6,608 81	\$3,054 83	\$3,012 47	\$943 36	\$15,481 50	\$13,411 40	\$903 11

ALLEGANY COUNTY

TOWNS	Num-ber of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in highway fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total expenditures for machinery fund	Balance in machinery fund	Total available for snow and cellulose fund	Total expenditures for snow and cellulose fund	Balance in snow and cellulose fund
Alfred	64	\$1,000 00	\$4,066 61	\$4,584 89	\$71 79	\$335 98	\$577 08	\$7 98	\$335 76	\$332 15	\$3 61	\$303 57	\$103 20	\$133 74
Allen	65	1,370 00	4,450 65	3,434 58	1,015 41	455 91	332 61	135 39	394 41	394 25	16 16	303 14	78 55	999 58 95
Alton	66	1,200 00	4,450 65	4,086 58	1,364 11	941 73	415 71	536 01	610 96	610 96	89 94	303 14	78 55	43 59
Almond	68	2,300 00	9,280 03	8,180 18	1,079 85	1,085 19	931 26	93 81	367 34	373 89	150 46	278 44	100 77	280 74
Baileys	69	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	70	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	71	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	72	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	73	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	74	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	75	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	76	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	77	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	78	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	79	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	80	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	81	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	82	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	83	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	84	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	85	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	86	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	87	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	88	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	89	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	90	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	91	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	92	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	93	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	94	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	95	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	96	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	97	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	98	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	99	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	100	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	101	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	102	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	103	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	104	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	105	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	106	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	107	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	108	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	109	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	110	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	111	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	112	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	113	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	114	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	115	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	116	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	117	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	118	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	119	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	120	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	121	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	122	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	123	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	124	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	125	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	126	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	127	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	128	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	129	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	130	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	131	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	132	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	133	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	134	1,200 00	4,450 65	3,207 38	1,242 27	1,148 13	1,318 18	430 40	589 15	589 15	315 64	161 63	170 77	207 85
Baileys	135	1,200 00	4,450 65											

BROOME COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available to high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Barre	83	\$2,000 00	\$7,478 77	\$4,699 39	\$3,779 38	\$1,824 28	\$1,479 73	\$354 55	\$608 42	\$345 92	\$263 50	\$322 02	\$332 02	.....
Binghamton	59	1,476 00	19,345 11	9,575 31	9,770 99	3,156 49	2,138 43	.....	517 75	515 75	.....	1716 28	415 28	.....
Chemung	73	1,320 00	4,253 89	2,073 42	1,776 38	2,307 98	2,138 31	189 67	510 00	111 76	38 30	770 10	402 08	\$110 21
Cornwall	160	3,411 41	10,253 35	5,019 49	1,673 74	3,004 81	2,751 13	249 68	1,256 64	1,231 37	27 17	438 87	557 14	988 73
Cattaraugus	54	1,300 00	4,053 40	3,543 81	1,713 59	2,070 80	877 97	1,192 83	400 00	380 91	70 09	385 21	393 23	13 24
Deerpark	77	283 71	3,138 41	2,970 53	428 11	1,06 05	877 97	1,192 83	400 00	380 91	11 64	377 71	359 81	62 75
Dunkirk	66	1,400 00	3,869 23	2,905 72	1,325 56	1,03 54	1,004 46	.....	150 84	168 84	.....	317 71	317 71	.....
Kirkwood	81	1,000 00	7,368 43	7,037 07	1,330 43	2,843 54	1,989 76	1,001 67	176 90	35 46	39 55	533 10	286 41	207 34
Lisle	81	2,025 00	5,004 11	4,094 41	1,399 13	1,357 84	257 73	1,081 58	957 17	937 20	51 87	1,063 04	505 77	55 07
Marine	49	2,075 00	5,064 56	4,535 96	1,399 13	1,357 84	257 73	1,081 58	957 17	937 20	119 89	903 99	893 77	969 62
Monticello	43	500 00	1,000 00	1,439 06	2,263 53	2,457 09	2,269 04	.....	398 58	351 43	119 89	708 79	257 28	213 26
Sartford	187	3,600 00	10,309 50	14,080 97	2,263 53	2,457 09	2,269 04	.....	1,015 53	1,003 19	8 37	708 00	419 86	969 55
Shawangunk	67	1,075 00	3,431 84	2,993 56	497 99	2,076 03	4,794 18	1,456 04	1,065 28	1,003 19	5 11	883 19	220 85	740 33
Union	70	1,789 68	5,914 04	5,914 04	428 98	3,070 12	2,863 49	25 94	300 00	270 71	27 09	916 39	951 81	645 39
Vestal	113	4,800 00	5,973 89	5,153 91	428 98	3,070 12	2,863 49	25 94	310 67	302 71	7 96	941 90	350 35	146 41
Windsor	194	3,000 00	8,156 41	7,664 96	491 43	3,110 86	1,921 92	189 08	725 72	686 06	40 64	933 31	473 80	113 64
Total	1,437	\$31,644 77	\$100,132 55	\$86,704 12	\$25,428 43	\$32,791 58	\$25,747 85	\$7,043 73	\$48,133 05	\$7,388 90	\$714 15	\$10,023 50	\$5,802 00	\$1,100 40

CATTARAUGUS COUNTY

TOWNS	Num-ber of miles of high-ways	State aid received	Total available for high-way fund	Total ex-penditures for high-way fund	Balance in highway fund	Total available for bridge fund	Total ex-penditures for bridge fund	Balance in bridge fund	Total available for ma-chinery fund	Total ex-penditures for ma-chinery fund	Balance in ma-chinery fund	Total available for snow and mi-ni-ature fund	Total ex-penditures for snow and mi-ni-ature fund	Balance in snow and mi-ni-ature fund
Allegany	99	2,475 00	\$7,493 00	\$7,493 00	.....	\$1,191 16	\$995 17	\$195 99	\$300 00	\$141 92	\$58 08	\$131 31	\$131 31	\$1,947 46
Bahad	97	1,620 00	6,020 00	5,909 14	\$110 86	6,238 06	6,274 43	653 63	700 00	676 55	33 45	1,374 44	1,374 44	635 56
Carlisle	31	3,213 87	3,213 87	3,213 87	822 87	633 02	4,84 23	148 79	63 73	35 85	27 88	239 40	239 40	24 00
Clear Spring	35	875 00	3,563 02	3,182 05	380 97	478 82	212 05	204 77	56 71	27 05	29 66	178 00	178 00	16 41
Conowingo	66	1,000 00	3,901 60	3,181 22	719 14	1,508 63	657 70	948 93	689 83	635 80	54 03	1,120 29	1,120 29	26 78
Dayton	38	1,500 00	4,748 08	4,748 08	186 84	925 00	430 86	505 01	274 00	104 97	77 43	523 88	523 88	176 10
Great Otto	72	1,800 00	4,914 42	4,743 71	160 71	700 00	591 52	108 48	300 00	263 76	4 24	100 00	100 00	148 70
Elko	20	500 00	1,978 21	1,793 26	184 96	892 45	443 87	208 78	290 86	1,045 12	71 80	270 02	270 02	170 32
Ellettsville	68	1,700 00	6,099 79	5,409 48	1,464 53	1,713 38	823 84	88 54	1,291 51	1,019 46	216 41	300 00	300 00	28 85
Hamersville	78	1,935 00	3,471 09	3,117 84	1,472 27	1,027 61	1,063 58	576 51	717 17	171 86	146 01	300 00	300 00	122 30
Franklinville	51	1,735 80	5,489 48	5,019 62	472 87	1,267 61	1,027 61	503 76	700 29	204 75	635 37	618 01	618 01	117 94
Frederick	78	1,220 00	4,311 54	2,268 16	2,053 38	831 00	908 61	322 39	252 29	87 34	210 82	243 37	243 37	60 27
Great Valley	73	1,750 00	4,912 78	4,645 00	267 78	1,218 34	978 11	247 24	110 98	87 34	23 64	174 51	174 51	10 14
Hinsdale	70	1,050 00	2,880 84	2,538 15	342 69	1,077 84	40 82	67 02	51 58	28 60	22 98	82 63	82 63	10 14
Humphrey	66	1,280 00	2,880 00	2,880 00	454 13	1,425 87	5,481 76	1,292 48	279 27	279 27	106 35	311 08	311 08	10 14
Lebanon	67	1,600 00	3,355 40	3,099 11	186 29	1,420 81	137 33	334 75	135 68	30 33	106 35	89 03	89 03	28 97
Little Valley	35	875 00	3,712 63	3,034 28	678 35	1,001 05	646 30	358 74	150 00	86 22	13 78	121 25	121 25	60 06
Lyndon	58	1,450 00	3,470 56	2,903 45	567 11	1,432 02	370 25	61 77	110 43	110 43	81 80	494 01	494 01	100 48
Marblehead	79	900 00	4,068 27	3,652 16	406 11	1,000 26	498 75	111 51	300 95	219 15	1 77	647 66	647 66	13 37
Mechanic	57	1,600 00	4,042 75	3,968 88	73 87	1,619 09	1,574 49	44 63	126 42	124 65	1 00	283 92	283 92	13 37
Mansfield	77	1,425 00	3,247 86	3,247 86	.....	3,000 00	1,271 49	28 51	61 78	60 78	1 00	113 13	113 13	13 37
Napoli	68	1,600 00	4,144 30	3,792 35	351 95	1,046 56	1,020 85	26 00	241 22	238 42	2 80	214 69	214 69	10 77
New Albion	58	900 00	3,555 38	3,124 25	431 13	1,060 00	791 08	4 92	111 65	37 20	74 45	190 99	190 99	16 19
New Mean	53	1,000 00	3,198 02											

CHAUTAQUA COUNTY

TOWNS	Num-ber of miles of high-ways	State aid received	Total available for high-way fund	Total ex-penditures for high-way fund	Balance in highway fund	Total available for bridge fund	Total ex-penditures for bridge fund	Balance in bridge fund	Total available for ma-chinery fund	Total ex-pen-ditures for ma-chinery fund	Balance in ma-chinery fund	Total available for snow and cellu-lous fund	Total ex-pen-ditures for snow and cellu-lous fund
Arkwright	67	\$1,475 00	\$3,404 14	\$3,450 18	\$63 96	\$1,816 75	\$1,256 06	\$560 90	\$112 13	\$70 18	\$32 95	\$551 16	\$436 21
Bethel	102	2,100 00	12,959 12	10,448 50	2,510 53	2,430 24	2,075 38	354 86	239 12	259 12	133 26	1,000 00	1,076 95
Carroll	60	1,500 00	36,028 72	6,500 90	29,527 82	7,011 41	3,181 88	379 53	430 08	235 89	154 19	2,231 16	1,770 30
Charlotte	68	1,700 00	4,131 37	3,653 90	464 47	1,046 59	2,791 36	774 83	290 96	122 62	163 44	699 68	525 87
Chautauque	116	3,000 00	11,181 39	9,745 46	1,385 93	1,188 15	879 76	308 70	506 34	486 89	19 45	1,624 10	1,363 03
Cherry Creek	53	1,120 00	3,257 65	2,872 90	384 68	880 15	326 78	553 43	184 55	120 12	84 43	216 26	147 83
Clymer	70	1,750 00	8,322 36	6,743 25	1,580 11	1,580 11	1,580 11	143 58	132 86	132 86	132 86	132 86	132 86
Dunkirk	14	878 20	12,726 05	9,914 29	2,811 76	3,311 98	186 42	361 96	132 86	132 86	132 86	132 86	132 86
Ellery	97	1,095 00	6,785 20	4,733 52	2,051 68	1,311 23	346 90	794 33	703 25	703 25	67 18	180 02	180 02
Ellington	99	1,725 00	5,226 12	4,701 46	524 66	384 88	249 50	136 33	215 63	61 82	153 70	572 58	491 79
French Creek	69	1,725 00	3,843 92	3,403 44	440 48	1,051 99	473 41	578 58	515 68	457 14	114 54	507 64	711 68
Gerry	57	1,120 00	4,616 25	4,403 10	213 15	1,202 13	595 83	606 31	394 03	352 82	41 20	985 23	843 92
Hamlet	69	1,460 00	3,551 38	3,403 56	310 82	2,035 98	2,014 08	20 90	523 23	523 23	523 23	960 04	933 65
Harmony	98	2,460 00	12,621 67	10,211 70	190 93	1,191 15	1,148 96	42 16	829 00	744 18	84 83	523 81	433 70
Hudson	183	2,400 00	7,514 82	7,504 71	10 11	1,191 05	1,191 05	428 06	1,104 43	973 10	131 33	1,803 95	1,311 80
Kantone	34	540 00	4,833 34	4,465 71	367 63	666 93	376 61	289 44	189 41	101 84	90 57	604 06	492 76
Mine	60	1,440 00	7,328 70	1,908 07	5,420 63	378 75	378 75	289 44	236 15	236 15	236 15	502 02	403 60
Poland	66	1,000 00	3,625 05	2,987 34	637 71	3,896 67	3,896 67	325 01	239 08	239 08	67 15	368 30	323 83
Pomfret	88	2,075 00	7,648 67	5,895 92	1,752 76	3,172 52	2,817 51	325 01	239 08	239 08	67 15	368 30	323 83
Ripley	82	2,159 99	11,994 21	7,106 81	4,887 40	2,475 00	2,463 87	12 13	1,176 00	1,167 93	7 07	649 14	520 99
Sheridan	88	2,000 00	11,724 62	9,859 95	1,864 67	3,000 00	3,000 00	436 11	300 00	300 00	219 89	400 00	281 34
Sherman	76	2,928 00	10,868 86	10,481 46	387 40	2,034 60	1,775 38	221 63	1,370 08	1,341 97	28 06	360 80	338 16
Stockton	66	1,025 00	4,522 32	4,522 32	0 00	1,380 98	1,380 98	359 22	1,370 08	1,341 97	28 06	360 80	338 16
Stanton	92	1,090 00	3,893 99	3,591 01	302 98	1,380 98	1,380 98	612 45	280 71	280 71	30 60	400 18	338 63
Vlenova	67	1,075 00	7,964 27	6,829 74	1,124 53	2,622 15	2,622 15	12 13	790 50	790 50	142 12	2,012 14	1,613 04
Westfield	90	2,260 00											
Total	1,951	\$44,462 09	\$217,953 86	\$162,525 43	\$55,428 43	\$44,909 73	\$35,747 83	\$9,183 26	\$10,176 89	\$12,362 55	\$1,570 70	\$18,198 34	\$16,381 44
													\$1,816 90

CHEMUNG COUNTY

TOWNS	Number of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in highway fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total expenditures for machinery fund	Balance in machinery fund	Total available for snow fund	Total expenditures for snow fund	Balance in snow and miscellaneous fund
Ashland.....	28	\$745 91	\$5,171 37	\$4,801 37	\$689 90	\$2,325 73	\$1,926 07	\$399 66	\$374 87	\$540 43	\$34 44	\$1,723 73	\$310 53	\$187 47
Bakewell.....	63	1,575 00	7,016 59	2,877 43	4,439 16	1,755 78	1,739 80	15 98	112 68	110 26	2 42	83 42	21 90	21 52
Big Flat.....	89	1,800 00	8,180 11	7,303 95	876 16	1,207 60	1,184 71	23 89	260 00	161 90	38 10	1,260 00	131 31	289 19
Cadlin.....	68	1,800 00	5,040 79	4,436 06	614 73	543 61	135 25	232 86	184 88	142 80	12 68	360 00	109 08	33 32
Chemung.....	104	2,600 00	7,325 83	4,800 51	3,025 32	3,397 06	3,006 37	216 75	979 73	768 30	221 48	813 88	781 70	33 18
Elmira.....	50	1,250 00	7,865 94	6,174 87	1,711 37	808 17	800 41	7 76	857 60	847 87	9 98	1,414 08	1,414 08	.....
Erin.....	98	1,800 00	5,088 91	4,505 83	583 28	1,259 07	1,214 35	14 81	274 46	374 45	.....	1,414 08	1,414 08	.....
Horseheads.....	73	1,800 00	3,688 85	3,873 85	115 47	1,965 00	1,908 36	56 64	185 16	183 96	.....	1,414 08	1,414 08	.....
Southport.....	110	2,750 00	11,668 33	11,692 36	5 97	2,504 28	2,336 38	217 90	207 57	188 96	.....	1,414 08	1,414 08	.....
Van Etten.....	87	1,440 00	5,354 89	5,242 73	112 17	1,829 29	1,270 14	559 15	547 73	499 08	.....	1,414 08	1,414 08	.....
Veteran.....	90	2,250 00	4,334 37	3,723 26	611 02	2,393 09	2,822 28	70 81	232 54	63 97	.....	1,414 08	1,414 08	.....
Total.....		\$75,18,710 91	\$71,035 78	\$58,831 28	\$12,714 56	\$19,453 67	\$17,708 93	\$1,944 74	\$4,327 10	\$3,740 48	\$586 07	\$8,426 80	\$1,456 37	\$999 23

CHENANGO COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Afton	90	\$2,000 00	\$6,494 82	\$5,538 78	\$946 04	\$3,836 16	\$1,105 30	\$1,730 86	\$400 65	\$349 08	\$51 57	\$370 83	\$153 92	\$215 91
Bainbridge	71	1,775 00	5,870 73	4,466 07	1,404 66	1,510 82	813 03	687 79	856 61	856 61	27 55	794 73	282 80	441 93
Columbus	83	1,854 80	6,672 96	5,972 92	700 04	1,683 60	1,508 54	188 06	485 23	487 68	27 55	212 70	187 67	25 03
Covington	84	1,617 30	4,070 67	3,481 17	589 50	325 47	328 47	...	150 00	150 00	...	182 91	182 91	...
German	55	1,163 00	2,239 58	2,239 58	...	574 08	438 00	136 08	315 23	192 87	122 35	185 00	102 90	33 10
Green	145	2,800 00	8,756 70	7,572 17	1,184 53	1,612 91	1,143 57	469 34	577 02	359 58	217 45	1,463 35	386 42	1,043 03
Guilford	118	2,960 00	11,033 87	9,906 00	1,127 87	1,617 56	1,310 89	206 67	809 92	809 92	...	1,223 35	425 27	...
Lincolnton	158	882 36	3,457 87	3,457 87	...	582 86	386 09	9 60	81 68	33 95	27 73	31 53	16 30	5 33
Madison	83	1,400 25	3,824 14	3,824 14	...	532 86	86 19	476 67	452 13	102 18	349 95	262 29	205 00	57 29
New Berlin	88	2,200 00	6,031 57	5,180 44	2,861 13	5,383 01	1,310 59	...	122 65	218 16	94 82	618 28	268 90	249 38
North Norwich	51	883 90	3,245 24	2,579 65	665 59	5,560 34	1,614 59	8 21	312 98	75 90	46 86	113 77	137 17	...
North	75	1,875 00	6,307 77	6,108 49	199 28	1,327 80	1,110 84	216 96	910 76	876 90	33 86	137 80	137 17	...
Norwich	81	2,020 36	5,897 33	5,855 84	3,041 49	2,008 84	1,583 92	1,449 92	491 02	174 69	316 43	234 63	205 92	28 71
Oswego	113	2,753 52	7,766 37	6,390 82	1,375 55	1,619 65	1,901 70	14 83	1,692 30	1,562 45	189 85	351 80	470 43	61 37
Orford	113	1,500 00	3,308 92	2,314 91	993 01	1,283 23	1,230 82	201 12	1,692 30	1,562 45	189 85	261 52	353 23	41 48
Pharalia	60	1,475 23	3,116 38	2,373 07	743 31	1,283 23	1,230 82	201 12	1,692 30	1,562 45	189 85	163 41	261 52	96 53
Pleasant	88	1,651 50	4,103 00	3,157 96	945 04	2,539 50	767 96	1,761 54	237 31	237 31	...	188 51	66 88	76 12
Plymouth	87	1,425 00	3,153 76	2,443 35	710 41	2,539 50	767 96	1,761 54	237 31	237 31	...	188 51	66 88	76 12
Shelburne	96	2,333 04	7,581 61	4,838 83	2,742 78	2,539 50	767 96	1,761 54	237 31	237 31	...	188 51	66 88	76 12
Smithville	102	2,236 14	4,940 03	4,156 84	783 19	2,539 50	767 96	1,761 54	237 31	237 31	...	188 51	66 88	76 12
Smyrna	90	1,800 00	4,902 57	4,599 80	302 77	755 00	749 51	5 69	180 00	176 25	3 75	744 84	638 80	106 04
Total	1,476	\$38,605 40	\$130,402 23	\$106,368 29	\$24,133 94	\$28,813 11	\$20,112 06	\$3,701 03	\$10,684 53	\$8,165 05	\$2,319 49	\$5,832 21	\$5,838 42	\$3,003 79

CLINTON COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Albion.....	98	\$1,800 00	\$1,743 99	\$3,810 68	\$933 31	\$855 75	\$855 75	\$855 75	\$100 60	\$96 81	\$3 71	\$3,188 81	\$2,188 81	.....
Ausable.....	66	840 00	2,941 24	2,231 91	719 33	700 00	637 41	862 59	28 89	28 89	.....	1,310 97	1,310 97	.....
Beekmantown.....	97	1,872 46	4,346 31	2,872 23	1,474 08	1,146 84	474 43	672 41	546 91	268 43	248 48	3,478 76	3,338 28	\$140 50
Black Brook.....	113	2,036 00	4,073 00	4,073 00	.....	436 60	436 60	.....	128 00	114 90	10 10	1,580 34	1,580 34	.....
Champlain.....	88	1,680 00	5,641 89	3,913 12	1,728 77	1,721 83	303 30	1,418 63	278 45	268 50	9 95	2,346 75	1,743 04	603 71
Chauncy.....	109	2,340 00	4,409 76	4,153 94	256 82	200 00	116 12	83 88	73 10	73 10	.....	2,310 78	2,310 78	.....
Clinton.....	88	2,200 00	5,365 75	5,345 04	20 71	221 30	221 30	.....	313 43	183 09	131 34	1,326 11	1,326 11	.....
Danemora.....	45	1,023 60	4,883 56	4,076 64	816 92	233 17	363 27	50 96	150 00	124 75	25 25	250 00	249 70	30
Ellenburgh.....	111	2,775 00	7,509 66	6,604 19	905 47	1,970 76	1,861 53	109 21	742 31	742 31	.....	1,300 00	1,214 52	85 48
Moorea.....	135	3,100 00	7,615 94	6,810 98	804 38	75 00	50 50	24 50	463 75	461 98	1 77	2,156 83	2,049 76	106 07
Peru.....	120	1,610 00	5,585 56	4,781 18	804 38	75 00	50 50	24 50	55 76	54 60	31 16	2,159 46	2,540 26	2,559 46
Plattsburgh.....	103	1,250 00	6,014 00	3,656 42	2,357 58	400 26	137 73	263 53	264 85	171 47	93 38	2,107 00	2,105 95	1 05
Saranac.....	148	3,700 00	9,331 96	9,045 37	2,86 59	989 16	989 16	.....	327 97	327 97	.....	2,850 75	2,850 75	.....
Schuyler Falls.....	63	720 00	2,131 38	1,816 73	314 65	769 57	537 49	232 08	97 26	97 26	.....	1,727 31	1,727 31	.....
Total.....	1,384	\$28,947 06	\$74,601 00	\$43,210 43	\$11,393 57	\$10,083 61	\$7,165 92	\$2,916 09	\$3,548 28	\$3,013 06	\$555 22	\$27,491 87	\$26,554 76	\$937 11

COLUMBIA COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available way fund	Total ex- penditures way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Aneram.....	93	\$2,100 00	\$5,644 96	\$4,766 26	\$878 70	\$1,133 41	\$568 45	\$564 96	\$300 00	\$107 70	\$102 30	\$374 29	\$340 32	\$33 96
Austerlitz.....	93	1,800 00	3,634 37	3,331 48	302 89	1,019 37	971 95	77 42	165 57	156 57	.....	51 83	29 10	22 73
Canaan.....	80	1,750 00	6,530 61	5,236 29	1,294 32	1,738 27	848 25	875 02	424 75	234 65	100 10	756 52	740 18	16 34
Chatham.....	150	3,600 00	10,836 29	10,491 74	344 55	1,306 02	1,209 97	96 05	150 00	149 04	173 84	1,093 96	1,162 05	529 52
Chavacreek.....	102	2,500 00	8,058 85	5,372 32	2,686 53	5,017 27	1,634 77	3,382 50	257 79	83 95	173 84	1,000 51	470 99	10 85
Clermont.....	40	1,000 00	8,842 65	3,175 33	5,666 32	899 19	1,337 45	9 53	1,037 45	845 03	192 42	1,061 80	1,073 96	16 35
Copake.....	79	1,500 00	5,270 15	3,938 60	1,331 55	807 02	450 58	356 47	164 76	86 57	173 19	442 00	425 65	18 66
Gallatin.....	70	1,750 00	5,842 00	3,254 10	2,587 90	453 42	94 76	358 66	245 17	79 21	165 98	304 46	177 80	186 66
Germanstown.....	39	1,003 76	6,749 29	6,154 61	594 68	100 00	100 00	.....	766 53	633 76	205 20	233 66	233 66	24 71
Chent.....	112	2,250 00	6,913 70	6,122 59	791 11	1,388 91	1,381 56	7 35	506 53	485 09	21 74	737 25	712 54	24 71
Greene rt.....	38	1,000 00	3,161 28	3,034 84	126 44	1,442 28	1,437 38	4 90	95 88	94 98	90 90	397 24	199 35	197 89
Hilldale.....	101	2,080 00	5,375 98	3,938 67	1,437 31	352 59	201 65	150 94	127 52	76 81	61 71	18 09	13 25	2 34
Kinderhook.....	68	1,250 00	4,962 60	4,515 11	447 49	2,337 06	1,458 59	878 59	257 78	176 40	79 38	1,015 20	939 64	75 56
Livingston.....	85	1,500 00	4,501 93	3,742 72	759 21	580 71	1,580 71	.....	137 76	137 76	.....	327 31	604 92	22 38
New Lebanon.....	87	1,200 00	6,481 29	3,007 41	3,473 88	1,010 30	231 40	778 90	140 00	79 75	60 25	637 13	823 13	25 23
Stockport.....	27	750 00	2,735 43	2,184 37	551 06	1,040 29	323 05	717 64	89 63	40 80	49 05	68 98	43 76	25 23
Stuyvesant.....	46	1,200 00	3,753 93	3,073 68	680 25	1,000 00	423 36	516 64	100 00	76 32	23 68	800 77	800 77	800 77
Taghkanic.....	69	1,530 00	3,243 01	3,168 69	74 32	1,015 64	866 96	148 69	200 01	156 07	43 94	518 20	436 78	91 42
Total.....	1,379	\$29,713 76	\$102,208 32	\$78,539 31	\$23,679 01	\$22,666 65	\$13,742 49	\$8,924 16	\$5,167 67	\$3,776 78	\$1,390 89	\$9,476 21	\$8,219 35	\$1,256 86

CORTLAND COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Cincinnati.....	56	\$640 00	\$3,998 73	\$3,998 73	\$301 18	\$1,017 09	\$1,017 09	.....	\$233 57	\$233 5	.....	\$319 50	\$319 50	.....
Cortlandville.....	106	1,500 00	17,025 14	17,025 14	596 26	2,919 37	2,919 37	.....	1,002 80	1,002 50	.....	1,104 03	1,104 03	.....
Cuyler.....	80	1,170 00	3,966 93	3,966 93	596 26	533 29	533 29	.....	100 00	100 00	.....	246 08	246 08	.....
Prestown.....	55	1,375 00	5,876 03	5,876 03	2,716 97	639 83	639 83	.....	369 45	336 96	.....	262 80	262 80	.....
Harford.....	52	810 00	4,328 35	4,283 29	40 06	637 01	439 40	\$375 10	408 54	339 03	\$43 53	448 45	448 45	\$13 78
Homer.....	108	2,520 00	9,568 68	8,906 16	3,662 58	1,400 00	1,183 60	197 61	707 31	707 31	68 83	765 78	765 78	134 55
Lapeer.....	45	1,125 00	6,875 83	6,875 83	91 48	317 46	313 31	217 40	220 00	227 14	22 86	169 51	24 62	74 08
Marathon.....	49	1,225 00	4,534 56	4,534 56	109 31	908 74	776 20	5 18	220 00	656 26	122 43	631 18	194 60	48 94
Preble.....	57	700 00	4,633 87	2,971 23	1,671 40	549 31	549 31	.....	186 87	187 87	.....	238 44	167 80	61 64
Scott.....	55	1,375 00	4,061 60	2,090 20	1,971 40	523 11	419 97	103 14	133 72	18 90	104 93	360 80	125 56	175 24
Solon.....	58	1,224 00	3,320 35	2,796 37	523 98	676 90	368 55	308 44	101 23	20 73	80 50	369 81	135 56	64 24
Taylor.....	67	1,100 00	6,963 06	5,900 10	1,062 96	1,085 92	990 77	95 15	921 48	887 19	34 29	843 77	316 00	53 81
Truxton.....	85	1,350 00	3,201 87	1,578 46	1,623 41	694 81	694 81	261 81	263 61	197 57	54 94	118 48	834 03	18 74
Virgil.....	108	2,700 00	13,917 47	13,918 43	83 74	2,300 00	1,618 05	681 05	415 07	415 07	.....	1,063 17	88 17	50 26
Willert.....	57	1,260 00	6,380 85	6,319 19	61 66	571 40	514 09	57 40	269 31	238 23	36 99	326 86	1,033 07	20 82
Total.....	1,037	\$20,274 00	\$98,432 43	\$85,339 20	\$13,103 23	\$15,065 63	\$12,624 34	\$2,461 29	\$6,110 78	\$5,541 51	\$269 27	\$7,006 66	\$3,585 07	\$654 76
													\$4,401 90	

DELAWARE COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and ma- cellaneous fund	Total ex- penditures for snow and ma- cellaneous fund	Balance in snow and ma- cellaneous fund
Andes	165	\$3,150 00	\$7,955 68	\$7,717 09	\$238 59	\$885 06	\$763 10	\$121 96	\$817 81	\$771 51	\$46 30	\$1,029 05	\$367 07	\$1,013 55
Bovina	78	1,243 40	4,302 02	3,534 18	467 84	3,040 50	3,131 89	414 43	276 60	276 60	0 00	1,327 29	181 96	253 99
Colebrook	187	4,673 00	12,786 24	12,474 71	310 70	3,247 54	3,184 81	62 73	509 59	498 09	6 44	1,020 29	186 90	257 11
Davenport	86	3,800 00	4,009 24	3,716 02	293 98	4,005 07	3,368 61	4 46	540 21	540 21	0 00	1,329 57	322 00	370 57
Delhi	106	2,650 00	3,181 00	2,478 35	502 65	1,800 15	1,574 12	26 03	540 21	540 21	0 00	1,513 82	322 00	370 57
Depot	72	1,200 00	3,153 06	2,649 35	503 71	1,503 71	1,279 03	224 68	310 83	310 83	0 00	1,918 81	151 90	216 81
Franklin	156	3,500 00	4,484 77	3,496 26	988 51	1,008 51	887 03	121 48	510 21	510 21	0 00	2,368 31	247 65	218 65
Hamden	92	1,200 00	1,458 05	1,090 41	367 64	1,367 64	1,367 64	0 00	317 40	317 40	0 00	2,368 31	247 65	218 65
Hanover	226	3,600 00	15,089 25	13,883 06	1,206 19	3,117 40	2,808 29	309 11	574 24	574 24	0 00	2,368 31	247 65	218 65
Harpersfield	31	1,600 00	4,112 00	3,852 57	259 43	3,644 71	3,610 29	34 42	310 00	310 00	0 00	2,368 31	247 65	218 65
Kortright	131	2,450 00	7,573 50	6,558 50	1,015 00	2,450 00	2,450 00	0 00	310 00	310 00	0 00	1,400 23	492 84	347 39
Masonville	92	2,400 00	7,022 50	6,457 50	565 00	1,556 50	1,077 43	479 07	109 30	109 30	0 00	1,107 40	176 63	176 63
Meadville	113	2,400 00	8,327 33	7,517 33	810 00	1,556 50	1,077 43	479 07	109 30	109 30	0 00	1,107 40	176 63	176 63
Middletown	156	2,425 00	8,327 33	7,517 33	810 00	1,556 50	1,077 43	479 07	109 30	109 30	0 00	1,107 40	176 63	176 63
Roxbury	141	1,700 00	7,379 06	6,728 06	651 00	2,077 50	1,949 21	128 29	523 11	523 11	0 00	1,927 22	475 63	1,550 59
Sabey	92	1,217 50	4,251 88	3,765 06	486 82	3,357 04	3,357 04	0 00	580 22	580 22	0 00	1,454 22	977 46	1,454 22
Standford	78	1,825 00	8,384 08	7,584 26	799 82	2,244 54	2,102 20	142 34	210 97	210 97	0 00	1,370 46	85 65	383 89
Tompson	162	2,800 00	8,384 08	7,584 26	799 82	2,244 54	2,102 20	142 34	210 97	210 97	0 00	1,370 46	85 65	383 89
Walton	149	3,725 00	12,528 97	12,268 04	260 93	1,942 29	1,787 15	155 14	718 86	687 79	31 07	2,240 07	266 60	2,173 01
Total	2,358	\$46,010 90	\$140,922 67	\$128,271 15	\$12,652 52	\$38,578 05	\$32,810 25	\$5,768 40	\$5,368 17	\$6,916 48	\$1,451 69	\$19,663 96	\$7,553 22	\$17,631 88
														\$2,062 10

DUTCHESS COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total ex- penditures for snow and mi- neral cellulose fund	Total ex- penditures for snow and mi- neral cellulose fund	Balance in snow and mi- neral cellulose fund
Andover	73	\$1,823 00	\$7,981 90	\$8,839 54	\$1,122 26	\$943 70	\$852 95	\$690 75	\$700 47	\$755 12	\$5 55	\$483 97	\$314 00	\$155 12
Beekman	54	2,300 00	4,785 49	5,079 73	2,755 78	401 07	282 49	118 58	200 00	30 94	80 16	1,318 00	47 23	287 25
Canton	94	2,350 00	8,984 77	9,853 59	2,131 18	570 57	483 85	130 72	227 13	135 94	81 87	1,719 00	1,031 70	108 15
Dover	87	2,000 00	6,025 58	4,822 22	1,203 36	1,410 87	1,310 47	294 40	560 13	499 20	130 88	1,473 82	577 28	113 08
East Fishkill	103	2,000 00	7,531 44	7,095 03	426 41	1,410 87	233 15	294 41	560 13	499 20	130 88	1,473 82	577 28	113 08
East Fishkill	84	1,000 00	5,134 04	4,453 65	470 39	560 81	540 49	24 32	201 78	231 19	30 57	1,473 82	577 28	113 08
Hyde Park	93	3,643 35	14,125 04	13,475 76	459 28	1,180 71	1,086 23	94 48	543 50	543 15	3 35	1,308 42	1,257 36	50 06
Milford	93	2,100 00	5,922 10	5,652 62	269 48	1,180 71	1,086 23	94 48	543 50	543 15	3 35	1,308 42	1,257 36	50 06
Milford	86	1,960 00	5,135 58	2,916 44	219 14	553 75	544 52	9 23	108 88	102 10	6 78	888 41	588 11	300 30
North East	86	1,750 00	9,143 22	7,531 28	1,611 94	1,000 00	180 44	810 56	400 00	261 76	138 24	1,302 29	300 60	808 55
Pawling	86	2,150 00	10,608 72	8,776 46	1,832 26	1,000 00	180 44	810 56	400 00	261 76	138 24	1,302 29	300 60	808 55
Pine Plains	61	1,900 00	6,159 45	5,853 32	306 13	2,551 89	2,227 37	324 52	700 74	565 17	135 57	1,213 80	324 63	304 93
Powassant Valley	76	1,900 00	8,278 31	6,183 48	2,094 83	729 08	500 90	228 18	143 71	72 12	71 59	1,213 80	324 63	304 93
Putnam	72	4,000 00	11,107 47	11,588 68	2,513 21	1,000 00	100 00	900 00	187 70	141 44	146 26	1,213 80	324 63	304 93
Red Hook	76	2,018 97	11,107 47	11,588 68	2,513 21	1,000 00	100 00	900 00	187 70	141 44	146 26	1,213 80	324 63	304 93
Shawangunk	83	3,618 34	18,708 50	18,255 26	453 24	1,083 48	840 80	242 68	524 70	530 84	173 86	1,213 80	324 63	304 93
Shawangunk	86	2,475 00	13,523 23	12,368 94	1,154 29	1,044 52	960 16	81 36	1,115 65	1,230 84	175 86	1,213 80	324 63	304 93
Union Vale	57	1,475 00	5,788 32	5,187 46	600 86	1,393 80	1,292 43	91 37	306 66	208 06	98 60	1,213 80	324 63	304 93
Washington	106	2,625 00	10,768 25	7,748 94	3,020 32	1,500 00	865 28	686 72	468 55	357 93	105 32	2,374 68	2,374 68	0 00
Total	1,617	\$13,648 86	\$183,398 60	\$155,270 07	\$28,112 53	\$30,847 68	\$12,546 94	\$8,100 74	\$8,196 49	\$6,170 58	\$2,027 91	\$15,338 24	\$5,741 19	\$4,643 65

CATARAUGUS COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- tures for cellaneous fund	Total ex- penditures for snow and mis- tures for cellaneous fund	Balance in snow and mis- tures for cellaneous fund
Allegany	99	2,475 00	\$7,493 00	\$7,493 00	\$110 96	\$1,191 16	\$995 17	\$195 99	\$200 00	\$141 92	\$58 08	\$131 31	\$131 31	\$104 81
Ashford	91	1,620 00	6,020 00	6,020 00	822 87	8,928 02	6,274 43	653 63	700 00	676 55	23 45	1,309 40	1,274 44	454 44
Carrollton	37	800 00	2,213 87	2,213 87	380 97	478 82	248 23	148 79	63 72	35 83	27 88	330 00	215 40	178 00
Cold Springs	35	875 00	3,563 02	3,563 02	3,183 08	4,706 63	212 05	266 77	56 71	27 08	29 66	340 10	323 69	47 95
Cowango	66	1,000 00	3,901 60	3,901 60	719 14	1,506 63	657 70	848 93	689 83	635 80	54 03	1,320 29	940 51	279 78
Dayton	60	1,500 00	4,748 06	4,748 06	4,581 22	1,925 90	420 86	505 01	274 40	196 97	77 43	623 88	348 78	175 10
East Otto	72	1,800 00	4,814 42	4,814 42	70 71	700 00	591 52	108 48	300 00	285 76	4 24	100 00	100 00	100 00
Elko	20	500 00	1,976 21	1,976 21	182 96	853 45	643 67	208 78	90 86	19 00	71 96	279 02	63 40	170 32
Ellicottville	68	1,700 00	6,096 79	6,096 79	4,062 26	1,494 53	1,025 84	88 64	1,261 81	1,045 12	216 41	320 88	292 45	28 53
Farmerville	78	1,950 00	4,751 09	4,751 09	3,117 84	1,633 25	1,336 64	576 81	317 17	171 16	146 01	300 00	177 80	122 20
Franklinville	81	1,735 80	5,489 48	5,489 48	4,773 07	1,567 34	1,063 58	503 76	618 61	418 89	636 37	449 55	530 67	117 94
Frederick	78	1,750 00	4,636 44	4,636 44	1,266 82	1,027 61	1,027 61	503 76	204 75	204 75	19 00	883 05	983 05	60 27
Great Valley	78	1,420 00	4,341 54	4,341 54	2,288 16	1,057 61	608 61	322 39	252 29	41 47	210 82	300 00	83 50	100 36
Hindale	73	1,750 00	4,912 76	4,912 76	2,053 38	1,318 34	971 10	247 24	110 98	87 34	23 64	174 51	74 15	10 14
Humphrey	70	1,050 00	2,680 84	2,680 84	2,258 15	1,07 84	40 82	67 02	61 68	28 60	22 98	10 14	882 63	60 06
Ischua	66	1,280 00	2,880 00	2,880 00	2,534 87	5,481 76	5,481 76	1,293 48	279 27	279 27	105 38	89 03	28 97	13 78
Leon	67	1,050 00	3,255 40	3,255 40	1,337 33	1,429 81	1,337 33	354 75	100 00	86 22	13 78	150 00	136 25	13 78
Little Valley	35	875 00	2,712 63	2,712 63	1,429 81	1,001 05	646 30	61 77	110 43	110 43	81 90	494 01	393 53	100 48
Lyndon	58	1,450 00	3,470 56	3,470 56	2,903 45	1,432 02	370 25	111 51	300 95	219 15	1 77	263 92	647 66	13 37
Machias	79	900 00	4,058 27	4,058 27	3,653 16	1,619 09	488 75	44 63	126 42	126 42	60 78	175 45	250 55	10 77
Mansfield	77	1,600 00	4,042 75	4,042 75	3,968 88	1,619 09	1,574 46	28 51	61 78	60 78	2 00	113 13	113 13	10 77
Napoli	57	1,425 00	3,247 86	3,247 86	2,947 86	1,046 85	1,271 49	28 00	241 22	238 43	1 77	263 92	647 66	13 37
New Albion	68	1,900 00	4,144 30	4,144 30	3,792 35	1,046 85	1,020 85	28 00	241 22	238 43	1 77	263 92	647 66	13 37
Olean	53	900 00	3,555 38	3,555 38	1,823 16	1,039 20	791 08	648 37	103 95	43 30	74 45	190 99	300 38	16 18
Otto	53	1,100 00	3,198 02	3,198 02	1,823 16	1,039 20	791 08	648 37	103 95	43 30	74 45	190 99	300 38	16 18
Perryburgh	53	750 00	2,810 28	2,810 28	1,823 16	1,039 20	791 08	648 37	103 95	43 30	74 45	190 99	300 38	16 18
Perry	53	775 00	2,070 28	2,070 28	1,823 16	1,039 20	791 08	648 37	103 95	43 30	74 45	190 99	300 38	16 18
Perrville	64	1,350 00	4,579 17	4,579 17	3,468 64	1,039 20	791 08	648 37	103 95	43 30	74 45	190 99	300 38	16 18
Randolph	60	1,500 00	4,187 09	4,187 09	3,468 64	1,039 20	791 08	648 37	103 95	43 30	74 45	190 99	300 38	16 18
Red House	40	960 00	3,086 16	3,086 16	2,728 51	1,263 84	401 97	121 87	112 26	112 26	28 97	88 30	270 71	6 39
Salamanca	12	200 00	1,166 31	1,166 31	1,116 56	448 63	433 27	15 36	113 65	28 97	51 90	358 21	319 67	169 78
South Valley	45	1,125 00	2,582 45	2,582 45	1,936 87	1,039 20	791 08	648 37	103 95	43 30	74 45	190 99	300 38	16 18
Yatesville	64	840 00	2,631 18	2,631 18	2,182 83	3,564 46	3,565 03	9 43	67 63	74 01	307 70	435 00	424 53	10 37
Total	1,907	\$40,605 80	\$126,379 09	\$126,379 09	\$17,199 63	\$46,449 15	\$38,624 85	\$7,824 30	\$8,716 83	\$5,889 01	\$2,827 82	\$13,249 38	\$11,301 92	\$1,947 46

CAYUGA COUNTY

[illegible]

CHEMUNG COUNTY

TOWNS	Num-ber of miles of high-ways	State aid received	Total available for high-way fund	Total ex-penditures for high-way fund	Balance in high-way fund	Total available for bridge fund	Total ex-penditures for bridge fund	Balance in bridge fund	Total available for ma-chinery fund	Total ex-penditures for ma-chinery fund	Balance in ma-chinery fund	Total available for snow and mi-seellaneous fund	Total ex-penditures for snow and mi-seellaneous fund	Balance in snow and mi-seellaneous fund
Ashland.....	28	\$745 91	\$5,171 37	\$4,501 37	\$669 90	\$2,325 73	\$1,986 07	\$399 06	\$274 87	\$340 43	\$34 44	\$1,783 73	\$1,585 23	\$187 47
Baldwin.....	63	1,875 00	7,016 59	2,577 48	4,439 16	1,765 78	1,739 80	15 98	113 68	110 26	2 42	\$1,783 73	\$1,585 23	\$187 47
Big Flata.....	89	1,800 00	8,180 11	7,303 95	876 16	1,507 90	1,184 71	32 69	200 00	161 90	38 10	1,300 00	910 81	389 19
Canlin.....	88	1,800 00	5,040 79	4,436 06	614 73	538 61	306 25	232 36	184 88	143 30	12 68	350 00	316 68	33 32
Chemung.....	104	2,600 00	7,335 83	4,900 81	3,035 32	3,397 06	3,000 37	216 78	979 73	769 30	221 43	813 88	781 70	33 18
Elmira.....	50	1,250 00	7,885 94	6,174 67	1,711 37	808 17	800 41	7 70	887 50	847 57	9 93	1,414 08	1,414 08	.....
Erin.....	88	1,800 00	5,083 91	4,505 63	583 28	1,229 07	1,214 20	14 81	274 45	274 45	.....	74 57	69 65	4 92
Horseheads.....	78	1,800 00	3,983 85	3,873 85	115 47	1,065 00	1,008 36	56 64	185 16	183 26	.....	1,060 73	93 66	26 86
Southport.....	110	2,750 00	11,693 33	11,692 38	6 97	2,604 28	2,396 38	217 90	207 57	188 06	18 61	408 71	202 06	205 78
Van Etten.....	87	1,440 00	5,354 89	5,242 72	113 17	1,539 29	1,370 14	569 15	547 73	499 08	58 66	783 57	780 88	2 72
Veteran.....	90	2,250 00	4,334 27	8,723 26	011 08	2,593 09	2,522 28	70 81	232 54	63 97	168 57	424 18	298 91	125 27
Total.....	875	\$18,710 91	\$71,055 78	\$58,321 23	\$12,714 55	\$19,583 67	\$17,708 93	\$1,944 74	\$4,327 10	\$3,740 48	\$686 07	\$8,426 80	\$7,496 57	\$999 23

CLINTON COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Altona.....	98	\$1,800 00	\$1,743 99	\$3,810 68	\$933 31	\$855 75	\$855 75	\$63 59	\$100 60	\$96 81	\$3 71	\$3,188 81	\$3,188 81	.....
Ausable.....	66	840 00	2,941 24	2,221 91	719 33	700 00	637 41	\$63 59	28 89	28 89	.....	1,310 97	1,310 97	.....
Beekmantown.....	97	1,872 46	4,346 81	2,872 23	1,474 08	1,146 84	474 43	673 41	546 91	298 43	248 48	3,478 76	3,228 70	\$140 50
Black Brook.....	113	2,036 00	4,073 00	4,073 00	.....	436 60	436 60	.....	126 09	114 90	10 10	1,580 34	1,580 34	.....
Champlain.....	88	1,680 00	5,641 89	3,913 12	1,728 77	1,721 93	303 30	1,418 63	278 45	268 50	9 95	2,345 76	1,134 59	603 71
Chazy.....	109	2,340 00	4,409 76	4,153 94	256 82	200 00	116 12	83 88	73 10	73 10	.....	2,310 78	2,310 78	.....
Clinton.....	88	2,200 00	5,365 75	5,345 04	20 71	221 30	221 30	.....	313 43	183 09	131 34	1,326 11	1,326 11	.....
Danemora.....	45	1,023 60	4,983 56	4,076 64	816 92	323 17	182 31	50 86	150 00	124 75	25 25	250 00	249 70	30
Ellenburg.....	111	2,775 00	7,509 66	6,504 19	905 47	363 27	363 27	.....	742 31	742 31	.....	1,214 52	1,214 52	85 48
Moorea.....	135	3,100 00	7,615 94	6,840 98	774 96	1,970 76	1,861 55	109 21	463 75	461 98	1 77	2,155 83	1,504 69	106 07
Peru.....	120	1,610 00	5,585 56	4,781 18	804 38	75 00	137 73	24 50	264 85	24 60	31 16	2,539 46	2,540 26	.....
Plattsburgh.....	103	1,250 00	6,014 00	3,656 42	2,357 58	400 26	137 73	263 53	337 97	171 47	93 28	2,107 00	2,105 95	1 05
Saranac.....	148	3,700 00	9,331 96	9,045 37	286 59	989 16	989 16	.....	2,850 75	2,850 75	.....	1,727 31	1,727 31	.....
Schuyler Falls.....	63	720 00	2,131 38	1,816 73	314 65	769 57	537 49	233 08	97 26	97 26	.....	1,690 11	1,690 11	.....
Total.....	1,384	\$26,947 06	\$74,601 00	\$63,210 43	\$11,393 57	\$10,083 61	\$7,165 92	\$2,916 69	\$3,568 28	\$3,013 06	\$655 22	\$27,491 87	\$25,224 29	\$937 11

COLUMBIA COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for na- vigation fund	Total ex- penditures for na- vigation fund	Balance in na- vigation fund	Total available for snow and mi- serable fund	Total ex- penditures for snow and mi- serable fund	Balance in snow and mi- serable fund
Aronau	92	\$2,100 00	\$5,644 96	\$4,766 36	\$878 70	\$1,133 41	\$668 43	\$464 96	\$300 00	\$107 70	\$192 30	\$374 20	\$331 33	\$33 90
Austerlitz	83	1,800 00	3,634 37	3,331 48	302 89	1,049 37	871 95	177 42	155 57	155 57	100 10	768 83	695 18	22 73
Cassan	80	1,760 00	6,530 61	5,236 29	1,294 32	1,733 27	868 23	875 02	424 76	324 65	100 10	1,162 97	1,093 96	16 34
Chatham	150	3,600 00	10,836 29	10,491 74	344 55	1,305 02	1,200 97	96 05	160 00	149 04	173 84	1,000 51	470 99	529 52
Clawson	102	2,560 00	8,038 85	6,372 32	1,666 53	5,017 27	1,634 77	3,383 50	257 79	83 95	192 42	1,081 80	1,073 95	10 85
Clermont	40	1,000 00	8,812 65	3,176 83	5,635 82	3,176 83	3,176 83	9 53	1,037 45	945 03	165 96	384 46	435 65	18 35
Copake	79	1,500 00	5,270 15	3,958 60	1,311 55	807 02	450 58	356 47	164 76	96 57	165 96	233 06	183 80	186 06
Gallatin	39	1,760 00	5,643 00	3,254 10	2,387 90	463 42	94 76	358 66	245 17	79 21	146 47	384 46	183 80	186 06
Germanstown	112	2,250 00	6,913 76	6,122 69	791 11	1,358 91	1,358 91	7 35	506 83	485 08	21 74	737 25	633 76	24 71
Ghent	38	1,000 00	3,161 28	3,034 84	126 44	1,432 28	1,337 58	4 90	95 88	94 98	21 74	387 24	184 36	197 89
Hillsdale	101	2,080 00	5,375 98	3,938 67	1,437 31	332 59	201 65	150 84	137 52	78 81	61 71	18 09	13 25	2 34
Underbrook	68	1,250 00	4,952 60	4,616 11	336 49	2,337 06	1,438 47	878 59	257 78	178 40	79 38	1,016 20	939 64	76 56
Livingston	86	1,600 00	4,601 93	3,742 72	759 21	580 71	580 71	778 90	137 76	137 76	60 28	627 31	632 08	22 38
New Lebanon	87	1,200 00	6,481 29	3,007 41	3,473 88	1,010 30	331 40	778 90	140 00	79 75	60 28	323 13	323 13	25 23
Stockport	27	750 00	2,735 43	2,184 37	551 06	1,040 29	322 68	717 64	89 85	40 80	49 08	800 77	300 77	48 75
Suyvesant	46	1,200 00	3,753 98	3,073 68	680 30	1,000 00	453 36	546 64	100 00	76 32	23 68	518 20	398 33	91 42
Taghkanic	69	1,530 00	3,243 01	3,168 69	74 32	1,015 64	866 96	148 68	200 01	166 07	43 94	518 20	398 33	91 42
Total	1,379	\$29,713 76	\$102,208 32	\$78,539 31	\$23,679 01	\$22,666 65	\$13,743 49	\$8,924 16	\$5,167 67	\$3,776 75	\$1,390 89	\$9,476 21	\$6,917 55	\$1,256 86

CORTLAND COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow (and mis- cellaneous fund)	Total ex- penditures for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Cincinnati	56	\$840 00	\$4,199 91	\$3,988 73	\$201 18	\$1,017 09	\$1,017 09	.....	\$333 57	\$223 5	.....	\$319 50	\$219 50	\$219 50	.....
Cortlandville	105	1,500 00	17,036 14	17,028 14	.....	2,919 37	2,919 37	.....	1,002 80	1,002 80	.....	1,104 03	1,080 06	1,104 06	.....
Cuyler	80	1,170 00	4,513 18	3,986 93	526 25	533 29	533 29	.....	100 00	100 00	.....	246 08	246 08	246 08	.....
Prestown	53	1,375 00	5,876 63	3,159 65	2,716 97	639 83	264 72	\$376 10	369 48	336 94	\$42 53	262 80	249 02	249 02	813 78
Harford	52	810 00	4,323 33	4,283 29	40 04	337 01	439 40	197 61	408 84	339 02	69 83	448 45	313 90	313 90	134 55
Homer	108	2,520 00	9,568 68	5,906 10	3,662 58	1,400 00	1,183 60	217 40	707 31	707 31	.....	795 78	501 34	795 78	.....
Lapeer	45	1,125 00	6,967 26	6,875 83	91 43	312 31	312 31	6 15	250 00	227 14	22 86	169 51	24 62	95 43	74 08
Marathon	49	1,225 00	4,633 87	4,594 56	109 31	908 74	776 20	129 54	778 69	656 26	122 43	621 18	194 60	573 34	48 84
Preble	57	700 00	3,449 51	2,971 23	478 28	549 31	549 31	.....	186 87	187 87	.....	238 44	167 80	173 80	64 64
Scott	55	1,375 00	4,061 60	2,000 20	1,971 40	523 11	419 97	103 14	123 72	18 80	104 92	360 80	126 56	126 56	175 24
Salon	58	1,224 00	3,320 35	2,796 37	523 98	676 99	368 55	308 44	101 23	20 73	80 50	369 81	110 20	316 00	53 81
Taylor	67	1,100 00	6,963 06	5,900 10	1,062 96	1,085 92	990 77	95 15	921 48	887 19	34 29	842 77	.....	824 03	18 74
Tuxton	85	1,350 00	3,201 87	1,578 46	1,623 41	694 81	694 81	291 81	262 51	197 57	54 91	118 48	.....	86 17	50 26
Virgil	108	2,700 00	13,917 17	13,913 43	33 74	2,300 00	1,618 05	681 95	415 07	415 07	.....	1,063 17	730 00	1,063 17	.....
Willett	57	1,260 00	6,380 85	6,319 19	61 66	571 40	514 09	57 40	269 21	228 23	36 99	326 86	2 00	236 07	20 82
Total	1,037	\$30,274 00	\$98,432 42	\$85,329 20	\$13,103 22	\$15,085 63	\$12,624 34	\$2,461 29	\$6,110 78	\$5,541 51	\$269 27	\$7,006 66	\$3,535 07	\$6,401 90	\$654 76

DUTCHESS COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total expenditures for ma- chinery fund	Balance in ma- chinery fund	Total ex- penditures for snow and mi- celaneous fund	Total ex- penditures for snow and mi- celaneous fund	Balance in snow and mi- celaneous fund
Amenia.....	73	\$1,325 00	\$7,961 80	\$6,839 54	\$1,122 26	\$943 70	\$832 95	\$590 75	\$760 47	\$755 12	\$5 35	\$483 97	\$328 85	\$155 12
Beekman.....	54	1,200 00	4,765 49	3,979 73	785 76	401 07	282 49	118 53	200 00	39 84	-60 16	1,318 95	1,031 70	287 25
Clinton.....	90	2,250 00	8,984 77	6,853 59	2,131 18	579 57	463 85	95 73	237 81	135 94	91 87	731 03	622 88	108 15
Dover.....	87	1,900 00	6,025 58	4,832 22	1,203 36	1,414 67	1,310 47	204 20	560 13	429 24	130 89	514 02	400 04	113 08
East Fishkill.....	103	2,000 00	7,521 44	7,065 03	426 41	519 57	233 16	286 41	281 76	281 19	80 57	1,673 32	1,389 69	283 63
Fishkill.....	64	1,600 00	5,124 08	4,653 65	470 43	564 92	640 49	24 43	301 76	221 19	6 65	1,112 63	1,030 00	9 63
Hyde Park.....	85	3,842 32	14,135 34	13,675 76	459 58	1,180 74	1,086 23	94 51	548 80	542 15	6 65	1,296 42	1,227 36	39 06
LaGrange.....	93	2,100 00	5,922 10	5,632 62	289 48	716 17	457 88	253 39	105 96	102 30	3 68	898 41	568 11	300 30
Milan.....	86	1,260 00	3,135 58	2,916 44	219 14	553 75	644 53	9 22	198 96	102 10	96 86	52 00	47 25	806 55
North East.....	86	1,750 00	9,143 22	8,776 69	1,611 94	1,000 00	189 44	310 56	700 74	565 17	138 24	1,302 29	300 60	394 93
Pawling.....	89	2,150 00	10,608 74	8,776 69	1,611 94	1,000 00	189 44	310 56	700 74	565 17	138 24	1,302 29	300 60	394 93
Pine Plains.....	61	1,000 00	6,152 45	5,833 32	320 13	729 08	222 37	506 71	148 71	72 12	76 59	1,213 80	818 87	236 40
Pleasant Valley.....	72	1,900 00	8,276 31	6,183 65	2,092 66	500 30	192 10	308 50	187 70	64 30	123 40	375 88	139 48	560 75
Potter.....	72	4,000 00	14,767 91	11,849 68	2,918 23	493 34	106 31	386 93	628 07	141 44	481 63	676 03	103 28	433 39
Red Hook.....	78	2,018 97	11,107 47	8,582 26	2,525 21	1,082 46	841 80	240 66	534 19	520 84	13 35	547 94	111 80	619 69
Rinebeck.....	85	3,655 34	18,706 50	18,255 84	450 66	1,041 52	960 16	81 36	1,415 65	1,239 70	175 95	1,867 37	1,289 71	577 68
Stanford.....	99	2,475 00	12,396 94	12,396 94	1,426 28	1,896 31	562 43	283 88	206 66	206 66	14 84	1,481 87	1,481 87	22 40
Union Vale.....	79	1,975 00	5,788 32	5,187 49	601 83	1,393 80	675 49	718 41	56 84	42 00	14 84	212 13	243 18	316 33
Wappinger.....	57	1,932 25	10,642 02	6,419 40	4,242 62	1,040 29	820 66	89 68	186 67	89 68	96 99	566 79	250 46	900 43
Washington.....	105	2,625 00	10,786 26	7,785 94	3,002 32	1,500 00	803 28	696 72	463 25	357 93	105 32	2,374 68	2,374 68	\$4,643 65
Total.....	1,617	\$13,658 86	\$183,388 60	\$155,270 07	\$28,113 53	\$30,647 68	\$12,846 94	\$8,100 74	\$8,196 49	\$6,170 58	\$2,087 91	\$18,338 24	\$5,741 19	\$4,643 65

ERIE COUNTY

TOWNS	Number of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in highway fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for masonry fund	Total expenditures for masonry fund	Balance in masonry fund	Total available for miscellaneous fund	Total expenditures for miscellaneous fund	Balance in miscellaneous fund
Alden.....	58	\$1,800 00	\$3,778 74	\$4,283 49	\$4,486 32	\$2,051 84	\$1,300 77	\$750 77	\$447 13	\$447 13	.....	\$808 39	\$808 39	.....
Amherst.....	108	4,997 05	64,477 61	45,277 01	19,250 60	4,044 51	4,044 51	.....	1,314 81	1,314 81	.....	2,863 75	2,863 75	.....
Aurora.....	76	1,900 00	50,819 10	48,694 42	2,224 68	1,000 00	679 87	920 13	609 97	609 97	.....	2,863 75	2,863 75	.....
Boston.....	73	1,000 00	3,609 18	2,512 97	996 21	232 55	103 46	70 99	38 60	38 60	.....	1,000 00	1,000 00	.....
Brant.....	41	1,025 00	24,981 96	24,283 38	7,698 58	7,458 65	6,974 78	483 87	208 23	208 23	.....	214 80	214 80	.....
Chesttowa.....	75	5,000 00	50,666 84	39,079 86	11,686 98	3,250 00	1,739 18	1,510 82	249 18	249 18	.....	338 05	338 05	.....
Clarence.....	121	2,632 78	40,942 45	38,802 78	2,139 67	800 00	800 00	.....	74 08	74 08	.....	2,209 34	2,209 34	.....
Colden.....	64	1,440 00	5,335 59	4,917 17	418 42	404 71	350 05	54 66	190 23	190 23	.....	686 40	686 40	.....
Collins.....	97	1,875 00	5,113 07	4,190 07	923 00	1,275 48	1,275 48	.....	156 39	156 39	.....	636 40	636 40	.....
Concord.....	122	3,050 00	21,185 31	13,401 42	8,783 89	9,317 43	3,766 63	5,551 24	663 66	663 66	.....	326 28	326 28	.....
East Hamburg.....	85	3,418 16	41,617 29	32,768 38	8,848 91	4,945 87	4,068 63	274 94	551 53	551 53	.....	463 51	463 51	.....
Eden.....	76	2,000 00	39,195 85	23,388 92	15,806 93	1,120 56	1,029 56	94 95	123 20	123 20	.....	1,001 60	1,001 60	.....
Edwa.....	76	2,034 46	8,951 56	8,684 22	267 84	1,489 24	1,404 51	84 73	381 67	381 67	.....	1,049 75	1,049 75	.....
Evans.....	85	2,250 00	44,079 37	41,021 16	3,058 21	2,734 21	2,734 21	.....	408 62	408 62	.....	596 83	596 83	.....
Grand Island.....	56	1,698 46	12,690 26	7,705 70	4,984 56	1,356 37	1,103 26	253 30	110 33	110 33	.....	713 90	713 90	.....
Hamburg.....	83	4,861 57	22,678 78	19,168 58	3,510 20	6,760 05	6,106 70	653 35	805 33	805 33	.....	1,099 25	1,099 25	.....
Holland.....	56	1,940 00	6,368 33	4,969 56	1,398 76	800 00	66 84	283 66	186 89	186 89	.....	1,054 15	1,054 15	.....
Laurel.....	72	2,500 00	9,079 72	7,822 57	1,257 15	3,833 68	2,332 58	1,501 10	185 11	185 11	.....	2,181 00	2,181 00	.....
Marilla.....	63	1,325 00	5,443 07	5,443 07	.....	500 00	356 77	143 23	126 98	126 98	.....	400 00	400 00	.....
Newstead.....	104	2,600 00	23,545 97	23,360 16	1,885 81	1,586 46	1,011 16	575 80	585 92	585 92	.....	301 50	301 50	.....
North Collins.....	78	1,850 00	4,685 72	3,290 70	1,295 02	1,072 71	1,044 51	27 90	151 24	151 24	.....	699 05	699 05	.....
Sardinia.....	74	1,750 00	54,623 24	41,790 81	12,832 43	4,780 11	4,703 56	76 55	369 11	369 11	.....	813 80	813 80	.....
Townsend.....	87	3,000 00	28,138 92	23,123 22	5,015 70	690 24	447 62	241 73	370 37	370 37	.....	380 27	380 27	.....
Wales.....	59	1,450 00	4,838 08	3,245 91	1,592 17	1,400 00	618 98	781 07	234 82	234 82	.....	968 73	968 73	.....
West Seneca.....	59	3,500 00	11,974 74	11,042 76	931 98	2,475 63	1,729 14	746 48	717 70	717 70	.....	452 65	452 65	.....
Total.....	1,883	\$60,502 48	\$601,413 74	\$485,835 27	\$115,558 52	\$66,226 90	\$40,011 18	\$16,315 92	\$93,863 55	\$7,911 84	\$1,981 71	\$23,464 91	\$20,742 43	\$3,722 48

ESSEX COUNTY

TOWNS	Num-ber of miles of high-ways	State aid received	Total available for high-way fund	Total ex-penditures for high-way fund	Balance in highway fund	Total available for bridge fund	Total ex-penditures for bridge fund	Balance in bridge fund	Total available for ma-terial for obli-que fund	Total ex-penditures for ma-terial for obli-que fund	Balance in ma-terial for obli-que fund	Total available for snow and ma-terial for obli-que fund	Total ex-penditures for snow and ma-terial for obli-que fund	Balance in snow and ma-terial for obli-que fund
Cherfield	98	\$2,400 00	\$6,641 09	\$1,288 76	\$888 08	\$400 78	\$398 72	\$102 06	\$2,448 19	\$2,320 08	\$118 11	\$2,448 19	\$2,320 08	\$118 11
Crown Point	118	1,540 00	4,057 87	244 09	250 95	37 64	104 41	89 41	2,377 01	2,348 28	28 73	2,377 01	2,348 28	28 73
Greenbush	60	800 00	1,997 08	407 72	347 13	146 62	100 37	85 63	1,866 41	1,837 00	29 41	1,866 41	1,837 00	29 41
Essex	61	800 00	6,907 72	407 18	384 92	216 26	208 31	278 65	1,808 28	1,789 09	19 19	1,808 28	1,789 09	19 19
May	84	1,400 00	3,386 08	403 58	312 35	190 18	360 00	300 00	1,898 24	1,878 54	19 70	1,898 24	1,878 54	19 70
Keene	79	1,975 00	6,450 52	1,000 00	1,000 00	434 87	900 00	900 00	2,744 48	2,704 78	39 70	2,744 48	2,704 78	39 70
Lewis	93	1,900 00	4,701 53	1,266 31	1,130 44	434 87	120 58	96 12	2,400 00	2,387 00	13 00	2,400 00	2,387 00	13 00
Minerva	82	2,800 00	4,800 07	511 48	511 48	1,073 16	1,335 38	491 48	3,018 86	2,988 19	30 67	3,018 86	2,988 19	30 67
Morad	41	1,028 00	10,636 98	2,088 26	946 10	1,073 16	1,335 38	491 48	3,018 86	2,988 19	30 67	3,018 86	2,988 19	30 67
Newcomb	54	3,400 00	10,235 61	260 00	260 00	455 70	1,038 50	491 48	3,515 83	3,494 10	21 73	3,515 83	3,494 10	21 73
North Elba	41	1,350 00	9,402 10	1,353 58	308 54	177 47	1,038 50	491 48	3,515 83	3,494 10	21 73	3,515 83	3,494 10	21 73
North Hudson	54	2,578 68	10,735 61	764 24	308 54	455 70	1,038 50	491 48	3,515 83	3,494 10	21 73	3,515 83	3,494 10	21 73
St. Armand	23	1,350 00	3,433 93	714 77	537 30	177 47	1,038 50	491 48	3,515 83	3,494 10	21 73	3,515 83	3,494 10	21 73
Schoon	77	1,600 00	4,476 20	719 88	585 72	139 38	150 00	9 95	2,958 43	2,948 88	9 55	2,958 43	2,948 88	9 55
Spouderoga	100	2,500 00	9,075 32	500 00	500 00	7 45	500 00	500 00	2,788 78	2,768 00	20 78	2,788 78	2,768 00	20 78
Thompson	72	1,000 00	5,467 80	834 73	637 36	7 45	117 14	104 33	1,788 00	1,768 00	20 00	1,788 00	1,768 00	20 00
Willsboro	60	1,800 00	4,067 88	800 00	398 13	278 88	200 00	187 33	1,664 68	1,644 68	20 00	1,664 68	1,644 68	20 00
Wilmington	40	1,000 00	2,110 39	800 00	432 42	947 68	80 18	80 18	1,110 85	1,090 07	20 78	1,110 85	1,090 07	20 78
Total	1,291	\$28,952 89	\$94,440 74	\$13,044 48	\$9,070 78	\$83,973 70	\$6,700 87	\$5,513 64	\$39,637 15	\$37,243 45	\$2,393 70	\$39,637 15	\$37,243 45	\$2,393 70

FRANKLIN COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mui- cellaneous fund	Total ex- penditures for snow and mui- cellaneous fund	Balance in snow and mui- cellaneous fund
Altamont	25	\$679 29	\$9,716 97	\$8,039 31	\$3,736 66	\$291 20	\$87 06	\$204 15	\$396 27	\$270 06	\$125 61	\$301 00	\$297 80	\$3 20
Banger	66	1,625 00	8,416 86	7,079 02	1,337 86	1,868 18	287 17	1,601 01	573 61	341 43	233 18	563 03	574 84	8 78
Belmont	108	2,254 53	5,247 16	5,184 16	63 00	709 63	709 63	1,764 54	200 00	154 46	45 54	1,005 18	909 80	74 86
Bombay	70	1,050 00	3,378 44	1,613 90	1,764 54	701 00	566 70	134 30	135 37	126 11	9 16	481 04	434 76	46 28
Brandon	46	1,150 00	4,031 31	3,674 10	357 21	400 00	374 21	135 79	143 84	143 84	0 00	676 91	676 91	0 00
Brighton	44	1,100 00	2,134 45	2,434 45	2,702 09	871 44	871 44	0 00	600 00	600 00	0 00	1,300 00	1,300 00	0 00
Burke	80	2,000 00	7,031 88	6,108 07	923 81	4,012 97	4,012 97	706 77	336 12	336 12	1 00	539 26	488 22	51 04
Chateaugay	92	2,800 00	8,192 63	6,408 39	1,785 33	718 77	718 77	473 49	124 06	106 02	18 04	1,263 24	932 78	330 46
Constable	59	1,475 00	3,477 04	2,453 23	1,023 81	988 06	201 28	786 77	460 71	460 71	0 00	874 31	591 20	283 11
Dedmon	70	1,120 00	2,796 23	2,229 26	566 97	983 30	219 81	766 49	100 93	41 47	59 46	884 80	667 29	217 51
Duane	40	1,000 00	2,197 28	2,197 28	0 00	766 00	766 00	0 00	36 60	11 18	25 32	417 83	417 83	0 00
Fort Covington	58	1,450 00	3,633 23	3,686 48	46 85	1,850 06	1,807 13	42 93	530 00	523 70	6 30	1,961 51	1,949 05	12 46
Franklin	128	3,200 00	9,447 57	7,125 40	2,322 17	1,871 07	783 90	1,087 17	3,665 22	1,665 22	2,000 00	2,669 53	2,136 14	533 39
Harrisstown	71	1,775 00	37,430 22	13,214 33	24,205 89	668 41	668 41	396 66	491 88	410 21	81 67	1,154 86	2,263 04	108 65
Malone	164	3,900 00	10,588 75	10,488 99	104 76	3,878 91	3,443 25	1,063 76	260 20	205 37	54 83	1,337 34	1,107 02	230 32
Moira	81	1,600 00	8,496 00	6,388 41	2,090 59	2,370 41	706 65	1,663 76	2,068 24	1,158 24	900 00	2,548 05	2,136 14	411 91
Santa Clara	66	1,650 00	7,967 99	2,633 67	5,335 23	2,413 66	64 38	2,359 28	2,068 24	1,158 24	900 00	2,548 05	2,136 14	411 91
Waverly	56	1,375 00	4,830 37	2,336 23	2,494 04	2,371 13	286 49	2,084 64	302 25	109 14	193 11	516 10	432 20	83 90
Westville	68	1,050 50	2,244 53	2,045 56	198 99	417 03	276 41	141 62	41 55	41 55	0 00	587 45	587 45	0 00
Total	1,377	181,834 23	\$144,874 08	\$62,343 24	\$82,531 79	\$25,781 81	\$16,745 26	\$99,039 56	\$11,029 26	\$7,276 98	\$8,752 32	\$20,968 45	\$12,943 04	\$8,616 56

FULTON COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- pendi- tures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Bleeker.....	47	\$1,000 00	\$2,028 36	\$1,792 96	\$235 40	\$35 00	\$20 55	\$4 45	\$50 00	\$48 00	\$2 00	\$1,200 00	\$39 70	\$86 01
Brookline.....	73	1,464 93	3,674 84	3,409 60	265 15	263 97	332 97	.....	243 02	97 05	145 97	1,845 00	53 85	.....
Carson.....	45	600 00	2,397 10	2,123 64	273 46	450 00	446 50	.....	85 95	74 55	11 40	639 16	41 89	.....
Edwards.....	70	1,200 00	5,444 51	1,902 63	3,541 88	2,838 02	2,838 02	39 88	183 85	31 90	131 95	1,214 48	25 20	130 33
Johnston.....	151	2,100 00	7,246 08	6,945 60	300 48	6,370 61	6,302 58	68 03	387 64	357 09	10 55	1,147 19	65 16	.....
Margaret.....	91	1,265 40	2,677 65	2,153 80	524 76	221 14	221 14	.....	50 65	50 65	.....	1,700 15	1,700 15	.....
Northampton.....	59	1,475 00	3,253 26	2,555 18	698 08	947 70	943 76	4 94	81 15	53 13	9 02	1,762 75	39 98	.....
Northampton.....	108	2,000 00	4,004 29	3,374 22	730 07	2,419 65	1,859 50	560 15	104 48	50 57	53 91	1,300 00	50 57	9 67
Orpington.....	158	1,475 00	2,906 76	2,639 53	267 24	1,560 20	1,560 20	.....	29 95	6 30	23 65	1,300 00	50 57	23 60
Orpington.....	68	1,700 00	3,857 51	3,778 75	78 76	1,125 28	1,104 59	20 89	119 54	103 40	16 14	886 21	89 91	8 11
Stratford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	796	\$14,280 33	\$37,520 36	\$30,575 13	\$6,945 23	\$14,718 45	\$13,966 50	\$751 95	\$1,276 23	\$871 64	\$404 59	\$14,301 25	\$10,351 84	\$238 23

GENESEE COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Alabama	74	\$1,880 00	\$8,004 58	\$7,961 87	\$83 71	\$3,151 34	\$7,338 20	\$316 14	\$511 32	\$406 43	\$102 80	\$1,386 27	\$1,016 86	\$142 29
Alexander	64	1,600 00	5,537 05	5,537 05	5,040 56	2,307 08	2,237 08	80 00	1,539 47	1,504 58	24 95	1,199 38	1,348 87	93 54
Batavia	88	3,000 00	11,069 20	6,018 64	5,040 56	2,500 00	2,398 44	110 56	403 19	127 65	274 50	1,388 60	1,388 60	0 00
Bergen	52	1,300 00	4,320 07	3,381 98	938 09	513 62	347 09	166 53	1,063 96	1,038 96	25 00	1,043 13	466 80	46 73
Bethany	60	1,725 00	5,700 83	5,630 94	69 89	1,164 75	1,116 10	48 65	1,320 02	1,288 91	31 11	1,068 47	708 00	167 47
Byron	71	1,775 00	16,041 42	6,758 08	10,183 33	1,205 56	1,205 56	0 00	594 57	528 00	66 57	985 79	808 01	985 79
Darien	92	2,300 00	10,254 38	10,198 08	56 30	1,574 02	1,481 63	92 39	1,643 52	1,618 44	25 08	1,137 75	550 38	9 01
Elba	59	1,475 00	4,583 35	4,067 21	486 14	1,041 88	723 27	318 61	710 00	415 23	294 77	1,763 67	1,429 29	324 38
Le Roy	77	2,278 12	7,103 77	5,778 59	1,325 18	1,877 93	1,186 20	691 73	600 00	283 15	306 85	1,600 88	816 66	627 90
Oakfield	40	900 00	4,090 69	3,488 95	601 74	1,463 72	500 00	1,383 72	612 96	138 14	874 82	794 88	599 41	186 28
Pavilion	83	2,565 82	8,809 82	8,788 40	21 42	1,839 85	599 86	239 99	720 06	730 06	0 00	700 00	664 12	29 88
Pembroke	78	1,950 00	5,930 80	5,795 91	134 89	733 31	706 23	27 08	553 44	449 45	3 99	1,211 75	756 01	137 49
Shadford	73	1,963 81	9,132 63	5,575 68	3,456 95	917 90	848 08	69 82	362 96	192 45	170 50	1,610 78	1,081 71	66 13
Total	920	\$24,702 78	\$101,368 79	\$78,991 26	\$22,401 40	\$24,370 96	\$20,344 74	\$4,006 22	\$10,419 39	\$8,708 36	\$1,711 03	\$15,690 92	\$10,228 79	\$1,841 10

GREENE COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and ma- terials collapsible fund	Total ex- penditures for snow and ma- terials collapsible fund	Balance in snow and ma- terials collapsible fund
Ashland.....	39	\$430 00	\$1,454 53	\$1,236 80	\$217 73	\$453 75	\$359 57	\$96 18	\$31 91	\$51 69	\$10 23	\$12 00	\$373 21	\$12 00
Athens.....	63	1,150 00	6,937 46	6,861 05	65 80	152 79	73 57	70 21	518 59	450 87	66 23	3,789 00	\$373 21	\$12 00
Caro.....	126	2,000 00	5,404 33	5,494 33	65 80	874 94	874 94	70 21	200 00	200 00	66 23	3,789 00	\$373 21	\$12 00
Catkill.....	115	3,108 42	12,437 69	12,400 43	37 27	3,078 07	2,381 31	696 76	534 25	536 54	7 81	3,849 49	\$373 21	\$12 00
Coxsackie.....	85	2,050 00	6,246 87	6,023 44	1,223 43	618 41	302 49	315 95	438 17	435 02	1 15	1,899 66	\$373 21	\$12 00
Durham.....	156	3,150 00	6,678 10	6,174 45	503 65	1,000 00	879 81	120 99	778 96	751 28	21 67	1,700 00	\$373 21	\$12 00
Greenville.....	101	2,525 00	5,702 25	5,090 95	611 30	2,623 35	2,303 73	319 61	703 68	703 68	21 67	1,842 55	\$373 21	\$12 00
Halcott.....	27	600 00	1,205 55	1,188 75	17 80	100 11	96 38	3 73	28 50	18 00	10 50	1,842 55	\$373 21	\$12 00
Hunter.....	58	1,500 00	7,692 99	7,362 56	330 43	1,028 24	985 32	43 73	1,343 33	1,317 81	25 49	5,168 04	\$373 21	\$12 00
Jewett.....	70	1,750 00	3,561 36	3,648 22	13 14	469 23	216 19	253 03	100 00	98 37	2 63	9 00	\$373 21	\$12 00
Lexington.....	70	1,750 00	3,756 22	3,600 06	156 16	1,500 00	1,494 95	5 05	200 07	198 66	1 41	391 66	\$373 21	\$12 00
New Baltimore.....	96	2,100 00	6,477 30	5,870 07	607 23	400 00	1,137 31	262 79	100 00	90 16	9 84	100 00	\$373 21	\$12 00
Prattville.....	37	700 00	1,674 11	1,391 97	282 14	357 88	321 82	36 06	80 55	65 94	14 69	47 84	\$373 21	\$12 00
Windham.....	63	1,432 00	3,847 91	3,511 79	336 17	480 38	480 38	.....	80 75	78 81	1 94	343 53	\$373 21	\$12 00
Total.....	1,062	\$24,445 42	\$73,157 72	\$68,755 47	\$4,402 25	\$13,130 17	\$10,907 67	\$2,231 50	\$5,129 95	\$4,923 38	\$206 57	\$12,740 91	\$6,971 20	\$589 09

HAMILTON COUNTY

TOWNS	Num-ber of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in highway fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total expenditures for machinery fund	Balance in machinery fund	Total available for snow and ice and cellulose fund	Total expenditures for snow and ice and cellulose fund	Balance in snow and ice and cellulose fund
Arrieta	63	\$1,425 00	\$6,445 90	\$6,077 04	\$368 86	\$1,870 63	\$707 01	\$1,073 63	\$482 82	\$319 02	\$163 90	\$2,908 35	\$2,688 75	\$222 60
Barham	17	575 00	1,604 51	1,520 75	83 76	63 94	54 60	38 57	78 25	40 75	38 50	240 75	240 75	0 00
Birmingham	33	550 00	1,142 70	60 44	93 88	67 85	26 01	67 85	30 77	10 28	10 28	287 54	286 38	116 16
Indian Lake	80	2,225 00	12,324 34	12,034 14	290 20	2,657 48	1,528 54	1,128 54	508 57	322 20	184 28	5,911 08	5,677 38	233 70
Inlet	13	500 00	3,541 87	2,477 62	1,064 25	65 90	1,65 00	65 00	190 48	188 50	1 98	1,254 91	1,131 67	123 24
Lake Pleasant	65	1,625 00	5,777 20	5,756 53	20 67	1,983 47	341 69	1,641 78	556 22	502 67	53 55	2,317 81	2,317 81	0 00
Long Lake	85	2,125 00	12,767 68	12,767 66	43 83	4,100 50	4,064 08	16 51	1,069 13	1,069 13	0 00	6,312 15	6,311 85	30 30
Longhouse	30	321 27	2,587 74	2,587 74	0 00	664 17	664 17	0 00	407 08	407 08	0 00	2,422 35	2,422 35	0 00
Walla	66	1,650 00	5,192 80	4,398 85	793 95	844 01	844 01	0 00	425 00	325 00	100 00	773 11	692 58	76 53
Total	461	\$11,506 27	\$51,497 75	\$48,762 70	\$2,734 96	\$8,812,372 47	\$9,340 90	\$4,031 87	\$9,747 32	\$3,194 95	\$552 37	\$22,327 97	\$7,881 77	\$1,061 92

HERKIMER COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for tra- vel fund	Total ex- penditures for tra- vel fund	Balance in ma- chinery fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Total available for snow and mi- cellaneous fund	Total ex- penditures for snow and mi- cellaneous fund	Balance in snow and mi- cellaneous fund
Columbia	87	\$1,600 00	\$6,149 15	\$4,831 83	\$1,297 32	\$173 19	\$173 19	\$149 45	\$453 30	\$453 30	\$28 09	\$287 63	\$40 60	\$383 75	\$4 88	
Deane	56	7,760 00	2,153 18	2,403 08	729 10	431 05	281 60	322 88	103 88	134 19	141 68	304 94	705 94	904 04	84 98	
Fairfield	81	2,025 00	7,225 72	5,695 37	1,530 45	375 26	52 38	322 88	215 35	73 77	141 68	1,260 47	666 90	1,307 99	42 48	
Franklin	120	2,744 56	11,460 09	11,378 06	823 03	4,928 63	4,924 83	3 80	2,740 57	2,706 41	34 16	3,843 23	609 60	3,539 30	3 03	
German Flatts	99	1,000 00	4,406 10	3,644 00	763 10	384 77	365 87	18 80	1,186 14	1,155 08	31 06	4,013 63	368 98	3,833 88	17 64	
Herkimer	64	1,250 00	4,831 35	2,610 43	2,220 92	12,559 46	1,814 19	10,745 27	374 35	110 71	283 64	1,068 59	843 22	832 32	246 37	
Litchfield	73	1,080 00	4,643 50	3,734 60	908 90	168 46	1,70 16	88 30	802 32	473 87	239 35	1,195 44	139 76	139 76	55 66	
Little Falls	54	1,000 00	4,150 70	2,404 31	1,746 49	233 74	118 96	114 78	238 47	39 76	198 71	729 16	723 07	729 07	55 09	
Manheim	56	1,513 07	6,817 15	4,472 90	2,344 25	800 00	577 67	223 33	404 80	247 46	157 34	1,183 35	1,177 35	1,183 35	55 09	
Newport	64	1,600 00	4,333 37	3,370 82	63 55	546 01	546 01	56 84	94 50	94 50	137 80	1,183 35	1,177 35	1,183 35	55 09	
Norway	64	450 00	3,578 83	3,380 79	198 04	713 90	657 06	56 84	115 59	115 59	137 80	1,183 35	1,177 35	1,183 35	55 09	
Ohio	62	450 00	3,578 83	3,380 79	198 04	713 90	657 06	56 84	115 59	115 59	137 80	1,183 35	1,177 35	1,183 35	55 09	
Russia	114	2,345 53	5,820 66	5,768 25	53 21	2,407 71	2,402 82	4 89	235 59	212 50	13 09	999 19	375 75	639 50	59 67	
Schoharie	119	1,920 00	6,159 68	3,944 49	1,215 19	3,570 47	2,265 23	305 24	540 65	173 98	367 67	1,249 76	369 90	979 86	23 39	
Schoyler	76	1,000 00	4,781 48	3,483 03	1,298 45	3,378 00	3,364 22	13 78	256 43	230 73	25 69	1,265 08	530 73	1,263 52	2 56	
Stark	66	1,200 00	3,446 03	1,909 59	1,536 44	774 91	749 88	25 03	100 23	16 20	84 03	927 64	97 37	1,263 52	329 37	
Warren	76	1,120 00	4,100 06	2,130 43	1,969 63	1,106 22	305 94	802 38	358 62	314 80	41 82	515 68	275 00	486 00	30 68	
Webb	64	1,250 00	5,370 64	4,583 28	1,077 36	314 50	128 40	186 10	363 27	269 45	93 81	1,049 80	648 30	648 30	401 50	
Wilmurt	73	1,743 60	5,204 75	4,759 63	445 12	3,908 02	3,900 60	7 33	417 35	407 99	9 36	2,054 07	864 65	2,528 70	125 27	
Winfield	51	1,275 00	4,412 48	3,529 87	882 61	1,811 82	1,810 82	1 00	467 78	497 78	.....	800 00	87 50	300 00	.....
Total	1,454	\$27,845 76	\$100,279 28	\$80,698 03	\$19,581 35	\$68,087 65	\$23,019 35	\$13,068 30	\$8,044 08	\$6,824 06	\$1,830 00	\$19,800 62	\$9,539 48	\$18,368 15	\$1,432 47	

JEFFERSON COUNTY

TOWNS	Number of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in high-way fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total expenditures for machinery fund	Balance in machinery fund	Total available for snow and miscellaneous fund	Total expenditures for snow	Total expenditures for snow and miscellaneous fund	Balance in snow and miscellaneous fund
Adams	86	\$1,770 60	\$13,917 10	\$11,770 76	\$2,146 34	\$1,814 58	\$1,814 58	\$1,814 58	\$718 96	\$693 07	\$55 88	\$1,167 93	\$308 60	\$1,061 54	\$116 36
Alexandria	117	2,925 00	20,121 14	20,035 65	85 49	1,550 00	1,550 00	1,550 00	1,646 65	1,546 65		2,192 01	1,499 05	1,516 05	675 96
Astoria	168	2,921 44	15,963 70	14,592 49	1,371 21	1,900 20	1,878 99	1,878 99	1,669 64	1,669 64		2,285 09	1,216 75	1,270 63	14 46
Brownville	111	2,775 00	16,621 75	14,532 39	2,089 36	4,323 29	4,243 10	80 19	2,123 44	2,123 44		1,240 64	1,212 80	1,337 64	3 00
Cape Vincent	99	2,475 00	12,788 08	12,788 08		690 45	532 91	146 54	2,183 18	2,183 18		1,445 13	273 22	378 87	72 35
Champion	86	2,150 00	9,102 65	7,279 64	1,823 01	2,001 59	1,960 59	40 00	677 81	677 81		1,788 73	1,335 48	1,689 73	
Clayton	132	2,687 87	16,507 30	15,688 63	2,818 67	1,319 73	381 48	938 25	877 81	877 81		1,689 73	1,401 76	1,689 73	
Ellensburg	158	3,682 83	14,997 49	14,803 81	1,193 68	2,039 24	2,039 24	178 13	1,304 99	1,304 99		1,616 86	800 99	1,616 86	15 87
Henderson	72	1,341 74	10,213 60	8,642 50	1,601 10	736 69	314 43	422 26	459 79	459 79		1,390 75	889 65	1,390 75	4 61
Housfield	88	2,200 00	12,553 71	10,411 35	2,142 36	1,385 61	1,385 61	1,069 17	644 31	624 70	19 61	1,013 17	844 67	1,013 17	67 70
LeRoy	145	3,095 23	16,074 61	13,424 48	2,650 13	1,128 64	1,059 17	69 47	500 00	426 33	73 67	1,480 77	1,206 77	1,418 67	81 10
Lorraine	73	1,638 61	9,566 63	8,457 66	1,108 97	1,143 16	1,142 18	11 98	689 06	689 06		1,480 77	883 58	1,418 67	7 80
Lyme	93	1,613 89	12,990 23	12,994 85	4 96	741 18	741 18	255 63	602 00	482 61	19 39	1,480 77	883 58	1,418 67	7 80
Orleans	109	1,698 03	13,428 88	10,576 77	2,852 11	1,007 00	220 00	787 00	629 09	598 67	35 42	1,480 77	883 58	1,418 67	7 80
Panama	62	994 01	10,990 01	8,485 69	1,904 32	1,007 00	220 00	787 00	629 09	598 67	35 42	1,480 77	883 58	1,418 67	7 80
Philadelphia	69	1,735 00	14,218 59	12,765 66	1,904 93	2,415 01	2,415 01	1,128 69	1,139 51	1,139 51		1,480 77	883 58	1,418 67	7 80
Redman	78	1,939 53	8,715 75	7,819 26	1,896 49	1,214 01	1,214 01	87 39	629 09	598 67	35 42	1,480 77	883 58	1,418 67	7 80
Rutland	93	2,325 00	11,080 38	10,583 25	507 13	1,723 26	1,723 26	127 40	1,743 23	1,743 23		1,480 77	883 58	1,418 67	7 80
Theresa	93	2,325 00	13,315 65	13,029 06	286 59	1,602 63	1,602 63	127 40	1,743 23	1,743 23		1,480 77	883 58	1,418 67	7 80
Watertown	72	1,800 00	12,283 76	8,909 10	3,374 66	3,023 68	3,023 68	437 24	1,114 47	1,091 88	23 59	1,480 77	883 58	1,418 67	7 80
Wilma	129	2,796 73	14,612 64	12,795 11	1,817 53	2,294 43	2,294 43	1 26	1,621 78	1,621 78		1,480 77	883 58	1,418 67	7 80
Wish	51	783 20	7,817 64	7,814 02	3 62	50 00	48 74		100 00	98 23	1 77	1,480 77	883 58	1,418 67	7 80
Total	2,204	\$47,541 11	\$289,415 19	\$258,229 21	\$31,185 98	\$33,184 13	\$39,000 81	\$3,487 98	\$18,723 81	\$18,075 66	\$648 15	\$26,125 87	\$18,335 68	\$24,292 39	\$1,833 48

LIVINGSTON COUNTY

TOWNS	ber of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in high-way fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total expenditures for machinery fund	Balance in machinery fund	Total available for snow and miscellaneous fund	Total expenditures for snow and miscellaneous fund	Balance in snow and miscellaneous fund
Avon.....	71	\$1,775 00	\$96,316 00	\$6,359 03	\$272 57	\$2,792 24	\$2,545 48	\$246 76	\$942 28	\$810 37	\$31 91	\$2,511 29	\$931 90	\$32 89
Caledonia.....	70	2,012 17	6,206 38	6,944 59	261 79	331 16	318 58	2 58	513 62	470 12	43 50	1,565 40	520 65	66 75
Conesus.....	78	1,200 00	3,737 29	3,671 72	65 57	380 90	25 02	355 88	300 00	299 58	42 92	1,869 12	671 19	187 02
Genesee.....	80	2,000 00	10,200 44	9,626 69	573 75	1,287 61	343 02	934 40	666 86	239 89	426 07	2,283 87	558 06	137 44
Groveland.....	79	1,975 00	7,101 58	7,067 24	34 34	1,334 46	1,334 46	.....	228 66	228 66	.....	336 19	284 00	5 22
Leicester.....	74	1,850 00	6,062 74	6,062 74	.....	3,896 10	2,926 02	970 08	391 17	196 67	194 50	706 06	171 96	534 10
Lima.....	55	1,579 83	6,098 37	6,098 37	4,602 41	904 28	501 79	123 06	711 14	333 20	377 94	1,878 15	722 50	308 98
Lyons.....	87	2,175 00	12,166 22	11,319 69	846 53	624 87	673 14	227 14	989 81	891 01	98 80	2,261 48	703 07	151 46
Mount Morris.....	93	2,325 90	8,267 02	6,582 58	1,684 44	1,261 03	1,261 03	.....	504 47	438 41	16 06	1,932 82	287 05	16 06
North Danville.....	79	1,875 00	6,000 14	5,970 07	30 07	2,050 34	2,050 34	266 51	1,158 38	49 30	233 20	1,014 06	58 80	300 77
Onondaga.....	74	1,850 00	34,550 77	26,471 78	8,078 99	2,334 83	2,041 18	9 16	1,387 71	925 18	158 24	2,045 42	439 62	15 06
Oriskany.....	74	1,750 00	7,316 58	4,326 09	3,078 49	4,985 92	3,013 37	378 31	387 71	232 47	158 24	2,045 42	198 45	300 77
Portage.....	80	2,000 00	6,505 21	5,075 91	1,429 30	944 32	443 11	1,972 55	321 86	51 77	270 99	877 99	320 01	340 54
Spargus.....	120	3,000 00	7,738 00	6,833 75	904 25	3,314 02	3,013 37	1,972 55	480 96	322 15	6 56	1,497 00	153 16	242 70
Springwater.....	60	1,110 00	3,800 99	2,287 59	1,513 40	1,117 06	1,108 16	8 92	141 94	646 66	141 94	1,582 94	254 31	934 53
West Sparta.....	94	2,500 00	7,876 23	6,941 79	934 44	8,341 97	2,688 59	5,653 38	646 66	646 66	.....	1,582 94	439 94	574 38
Total.....	1,295	\$31,577 00	\$142,850 58	\$120,598 82	\$22,251 76	\$36,419 10	\$21,638 81	\$14,780 29	\$9,094 94	\$6,943 30	\$2,156 64	\$21,620 14	\$4,359 56	\$3,899 33

MADISON COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous cellaneous fund	Total ex- penditures for snow and mis- cellaneous cellaneous fund	Total ex- penditures for snow and mis- cellaneous cellaneous fund
Brookfield	171	\$4,221.56	\$15,548.50	\$15,507.92	\$40.58	\$4,298.63	\$3,988.38	\$700.25	\$586.17	\$386.17	\$243.24	\$1,431.77	\$1,431.77	\$1,431.77
Cazenovia	108	2,700.00	11,408.34	9,775.43	1,632.91	4,386.41	4,184.76	201.65	2,710.84	2,467.60	\$243.24	939.10	939.10	939.10
De Ruyter	65	1,625.00	5,962.98	5,851.77	1,111.21	500.00	500.00	201.65	80.53	80.53	321.26	321.26	321.26	321.26
Eaton	126	2,759.87	9,072.45	5,812.95	3,259.50	1,131.00	1,131.00	201.65	400.00	306.61	93.39	504.83	504.83	504.83
Fenner	71	1,754.13	4,063.62	3,068.65	1,004.97	204.84	201.64	2	700.59	699.23	1.36	168.37	168.37	168.37
Georgetown	70	1,170.00	2,989.39	2,621.34	368.05	1,004.17	940.40	163.77	234.28	197.16	37.12	282.54	282.54	282.54
Hamilton	85	1,800.00	5,723.80	4,630.09	1,093.71	2,247.79	2,247.79	345.96	355.50	355.50	24.05	668.92	668.92	668.92
Lebanon	89	2,225.00	5,685.96	5,396.52	289.44	2,859.59	2,513.63	345.96	775.00	750.95	24.05	668.92	668.92	668.92
Lenox	70	1,750.00	8,225.87	5,500.17	2,725.70	4,345.51	2,638.51	1,807.00	584.46	438.41	156.05	626.04	626.04	626.04
Lincoln	64	1,600.00	6,802.36	6,424.92	377.46	524.69	230.19	398.50	720.16	668.66	51.50	116.90	116.90	116.90
Madison	102	1,326.22	5,223.91	5,205.32	18.59	233.65	230.19	3	443.78	443.78	39.82	391.90	391.90	391.90
Nelson	94	2,291.04	9,325.33	9,247.61	77.72	387.80	387.80	83.16	302.57	263.75	38.82	77.88	77.88	77.88
Smithfield	58	1,294.61	2,943.63	2,284.65	658.98	125.00	41.85	83.16	150.00	124.88	25.12	104.40	104.40	104.40
Stockbridge	72	1,800.00	8,859.17	8,847.27	11.90	1,033.04	1,033.04	2,325.44	685.00	685.00	301.51	301.51	301.51	301.51
Sullivan	130	3,260.00	12,218.01	7,663.84	4,554.17	3,101.78	876.34	2,325.44	583.63	539.98	53.65	1,699.40	1,699.40	1,699.40
Onondaga	44	1,174.27	12,226.91	9,603.97	2,622.94	867.90	4.35	863.45	668.54	84.21	574.33	946.94	946.94	946.94
Total	1,422	\$53,741.70	\$126,280.53	\$107,432.43	\$18,847.83	\$27,152.30	\$20,556.79	\$6,595.51	\$9,971.05	\$8,490.49	\$1,490.56	\$8,867.28	\$8,867.28	\$8,867.28

MONROE COUNTY

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MONTGOMERY COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Amsterdam.....	76	\$3,450 00	\$18,975 89	\$11,183 79	\$7,790 10	\$1,306 23	\$738 81	\$597 43	\$610 18	\$461 33	\$88 96	\$3,583 06	\$2,136 74	\$456 32
Cannoharie.....	89	1,750 00	15,700 37	14,640 56	1,059 71	2,610 73	2,238 92	371 80	1,365 53	1,245 18	120 35	1,354 90	1,354 90	.....
Charleston.....	87	1,400 00	13,163 21	10,441 64	1,720 57	1,000 87	1,765 67	245 20	282 53	885 73	38 79	1,760 00	1,760 00	.....
Florida.....	94	2,050 00	13,063 74	11,261 47	1,792 27	1,138 24	1,093 03	33 21	690 00	497 38	48 74	1,355 23	1,346 65	10 87
Giles.....	83	1,440 00	17,335 04	13,528 27	3,796 60	1,411 64	1,838 98	531 06	614 83	486 33	26 53	1,083 24	1,800 42	192 82
Minden.....	112	3,000 00	14,090 48	13,273 27	1,797 19	2,365 73	2,345 73	.....	574 14	574 14	.....	1,410 81	1,410 81	.....
Mohawk.....	75	1,875 00	13,916 98	11,646 87	2,269 11	2,483 03	1,545 58	94 45	1,010 36	981 78	28 60	1,390 98	1,390 98	.....
Palatine.....	91	2,275 00	14,990 73	12,798 55	2,201 20	2,093 27	1,907 83	135 39	616 26	616 26	.....	1,816 04	1,816 04	43 53
Root.....	98	1,350 00	12,876 99	12,679 99	1,906 99	1,500 00	1,277 23	222 77	738 71	738 71	.....	2,496 81	2,508 94	303 71
St. Johnsville.....	44	1,100 00	10,887 58	10,280 09	607 49	2,614 24	2,537 22	77 02	402 31	402 31	.....	1,717 23	1,701 24	.....
Total.....	849	\$17,690 00	\$143,733 83	\$121,763 50	\$21,971 33	\$16,541 36	\$14,313 04	\$2,228 33	\$6,624 80	\$6,310 93	\$313 87	\$14,710 54	\$10,441 34	\$1,009 91

NASSAU COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Hempstead	1,075	\$49,500 00	\$239,392 76	\$153,766 68	\$4,977 06	\$3,169 17	\$1,807 89	\$720 92	\$644 78	\$76 14	\$17,580 17	\$1,133 03	\$6,612 65
N. Hempstead	165	30,000 00	155,228 39	78,639 63	6,327 74	1,807 47	4,520 27	3,266 31	1,608 24	1,787 07	21,800 27	3,106 81	9,025 63
Oyster Bay	251	33,146 52	151,664 63	100,754 77	1,563 53	1,316 54	246 99	700 91	788 96	1 93	1,469 41	502 36	9,008 23
Total	1,491	\$112,646 52	\$546,385 77	\$333,171 27	\$12,868 33	\$6,293 18	\$6,575 15	\$4,879 14	\$3,043 00	\$1,835 14	\$40,839 55	\$4,743 20	\$16,241 51

NIAGARA COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and ma- ture col- lousous fund	Total ex- penditures for snow and ma- ture col- lousous fund	Balance in snow and ma- ture col- lousous fund
Cambria.....	65	\$1,200 00	\$5,136 06	\$2,336 41	\$1,849 65	\$200 00	\$1,037 50	\$200 00	\$400 00	\$180 66	\$219 34	\$500 00	\$397 18	\$102 82
Eastland.....	97	3,435 00	7,987 57	6,092 11	2,895 55	1,037 50	1,037 50	1,330 66	517 47	311 83	203 85	533 37	533 37	44 55
Lewiston.....	73	2,747 00	6,843 33	5,706 81	2,154 52	1,417 36	481 03	1,330 66	733 10	733 10	29 69	497 59	497 59	126 23
Lockport.....	103	2,575 00	10,857 49	8,591 29	2,266 20	2,367 14	2,367 14	186 83	539 00	493 10	139 99	902 58	976 35	126 23
Newton.....	107	3,570 00	11,189 23	8,594 49	2,321 78	2,367 14	2,367 14	186 83	539 00	493 10	139 99	902 58	976 35	126 23
Niagara.....	15	1,760 00	6,087 74	4,325 84	1,844 10	2,213 13	2,213 13	81 74	303 74	273 98	29 76	483 83	483 83	16 23
Pandora.....	54	1,400 00	5,599 70	4,327 19	1,923 51	1,311 57	1,311 57	34 35	303 21	273 98	29 76	483 83	483 83	16 23
Porter.....	64	1,800 00	5,599 70	4,327 19	1,923 51	1,311 57	1,311 57	34 35	303 21	273 98	29 76	483 83	483 83	16 23
Rayton.....	124	2,000 00	12,298 50	10,410 20	1,888 30	1,311 57	1,311 57	34 35	303 21	273 98	29 76	483 83	483 83	16 23
Sumner.....	73	2,399 57	7,998 57	6,328 89	2,09 48	1,311 57	1,311 57	34 35	303 21	273 98	29 76	483 83	483 83	16 23
Whitfield.....	53	1,800 00	6,598 57	5,098 04	2,045 98	1,311 57	1,311 57	34 35	303 21	273 98	29 76	483 83	483 83	16 23
Wilson.....	53	2,537 43	9,088 38	6,377 60	3,077 78	2,181 98	2,181 98	1,304 47	1,056 06	999 31	26 75	1,185 06	779 92	356 24
Total.....	924	\$26,024 98	\$100,931 23	\$75,269 21	\$35,642 03	\$15,373 84	\$11,370 75	\$3,994 09	\$6,294 84	\$5,197 57	\$1,067 27	\$6,538 68	\$7,419 23	\$1,119 45

ONEIDA COUNTY

TOWNS	Num-ber of miles of high-ways	State aid received	Total available for high-way fund	Total ex-penditures for high-way fund	Balance in high-way fund	Total available for bridge fund	Total ex-penditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total ex-penditures for machinery fund	Balance in machinery fund	Total available for snow and cellulose fund	Total ex-penditures for snow and cellulose fund	Balance in snow and cellulose fund
Amnville.....	101	\$1,800 00	\$2,425 80	\$6,548 30	\$1,875 90	\$1,641 79	\$1,645 07	\$3 28	\$164 15	\$162 19	\$1 96	\$359 81	\$324 75	\$1 86
Augusta.....	71	1,200 00	5,497 39	4,063 39	1,444 00	161 30	185 46	24 16	500 00	178 53	321 42	163 60	25 52	120 60
Ava.....	53	1,450 00	3,628 36	6,913 10	1,711 16	178 90	313 97	135 07	643 37	643 37	331 42	1,334 86	961 23	42 68
Boonville.....	150	2,750 01	12,324 27	11,875 84	353 43	1,762 53	1,900 92	133 40	1,226 21	1,076 85	149 36	440 04	396 25	46 79
Bridgewater.....	49	1,225 00	3,816 51	7,713 68	1,125 83	140 81	290 81	150 00	304 14	304 14	149 36	231 80	231 80	
Camden.....	39	2,002 50	9,337 49	7,565 54	2,263 95	674 13	1,440 37	766 14	491 86	491 86		943 63	763 35	123 55
Deerfield.....	63	1,400 00	9,552 13	3,266 74	6,385 39	920 10	1,400 00	59 10	100 00	100 00		308 00	211 40	
Florence.....	102	1,600 00	6,345 72	3,672 28	2,673 44	440 90	1,406 00	59 10	300 00	271 28	28 79	900 00	581 70	30
Floyd.....	63	1,575 00	8,141 27	6,454 71	1,686 56	1,327 27	1,406 00	78 73	437 37	75 20	263 77	700 50	697 04	3 46
Forestport.....	66	967 80	5,857 37	6,918 67	1,440 85	1,197 02	1,406 00	26 08	160 75	60 81	100 14	236 72	233 61	63 11
Kirkland.....	77	1,040 00	9,454 49	7,325 89	2,128 60	1,197 02	1,406 00	26 08	250 00	250 00		2,143 01	2,143 01	
Lee.....	96	2,350 00	9,822 27	6,121 21	3,701 16	1,423 43	2,350 00	971 98	3,976 42	3,976 42		1,494 63	1,405 70	61 23
Mary.....	80	1,800 00	8,565 04	3,770 49	4,791 55	10,175 73	2,350 00	208 81	1,256 84	88 75	43 09	260 53	205 70	51 23
Marshall.....	83	2,500 00	13,965 16	10,370 29	3,595 23	4,433 37	3,595 23	309 76	110 05	86 55	23 50	983 26	348 21	155 03
New Hartford.....	70	1,800 00	10,465 21	7,173 04	3,292 17	3,212 54	3,292 17	153 69	1,073 31	769 11	314 10	181 81	148 81	17 48
Paris.....	70	1,750 00	3,751 75	2,336 91	1,414 84	622 66	3,292 17	117 02	435 99	290 69	9 31	250 00	178 65	
Rome.....	128	3,200 00	18,968 36	14,494 57	4,473 79	622 66	3,292 17	117 02	300 00	290 69		250 00	178 65	
Sangerfield.....	69	1,187 11	6,999 83	6,791 69	201 14	1,266 86	1,266 86	14 88	410 32	218 17	198 15	637 98	570 50	45 48
Steuben.....	85	1,819 26	8,066 53	6,337 26	2,628 27	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
Trenton.....	99	2,475 00	15,061 43	14,469 71	1,191 72	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
Verona.....	166	3,250 00	14,424 91	7,920 20	6,504 71	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
Vernon.....	83	1,525 64	11,575 77	9,633 23	1,942 54	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
Vienna.....	116	2,900 00	13,190 83	9,946 35	3,185 96	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
Western.....	96	2,340 00	9,669 28	8,039 62	1,629 66	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
West Merland.....	103	2,154 90	16,502 74	16,308 72	204 02	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
Whitestown.....	54	2,719 51	16,719 07	16,308 72	410 32	2,628 27	2,628 27	114 06	578 70	547 66	31 04	40 00	266 86	40 00
Total.....	2,317	\$51,551 03	\$279,140 66	\$220,196 39	\$58,944 27	\$43,298 16	\$50,140 52	\$6,853 66	\$14,862 93	\$13,096 97	\$1,785 96	\$18,644 55	\$12,580 89	\$2,001 09

ONONDAGA COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Camilus.....	75	\$2,828 54	\$14,862 99	\$9,443 77	\$5,419 22	\$281 87	\$281 87	\$189 22	\$408 04	\$253 89	\$154 75	\$217 34	\$47 00	\$170 34
Chester.....	84	1,617 78	4,875 89	1,973 83	2,902 07	2,780 13	2,417 35	312 78	202 63	136 25	66 38	718 92	714 20	4 72
Clay.....	101	2,049 46	7,901 20	7,232 69	668 51	1,168 07	1,148 09	12 98	646 67	610 18	36 49	1,222 50	1,391 50	149 11
De Witt.....	79	3,657 60	12,822 09	10,709 63	1,612 47	1,443 84	1,148 77	286 07	1,087 11	1,061 34	25 77	1,156 23	783 73	373 50
Elbridge.....	70	1,779 94	8,768 07	7,029 12	1,738 95	1,496 53	505 05	991 47	510 00	167 40	342 60	1,275 37	1,102 21	173 16
Fulton.....	94	2,350 00	5,290 54	5,199 40	91 14	1,770 09	153 10	614 99	200 66	169 78	30 88	400 74	400 00	262 50
Geddes.....	14	2,080 85	7,282 70	6,227 77	1,054 93	323 05	138 82	187 23	214 49	131 08	85 41	1,333 63	1,071 13	262 50
Lafayette.....	89	2,223 22	5,928 59	4,051 77	1,876 82	2,375 56	1,834 21	441 35	504 69	430 46	74 23	252 32	131 55	117 77
Lyons.....	121	1,957 57	7,477 40	7,396 90	80 50	7,745 78	2,731 48	454 15	747 82	714 07	33 75	1,200 58	1,236 06	24 52
Manlius.....	113	2,825 00	10,754 38	8,451 47	2,302 91	3,185 63	896 77	6,878 99	650 43	631 34	19 09	1,000 00	994 80	5 20
Marshall.....	76	1,886 82	8,123 98	4,789 50	3,334 48	963 94	472 85	489 69	239 99	124 36	115 63	221 09	119 63	101 46
Onondaga.....	153	4,263 06	14,919 00	11,602 39	3,316 61	3,909 90	3,163 19	746 71	610 00	582 29	27 71	753 68	746 08	7 60
Otisco.....	77	1,809 76	5,131 15	4,029 82	1,101 33	3,080 28	89 00	137 62	312 65	311 25	1 40	400 12	387 00	13 12
Pompey.....	163	3,183 89	8,775 24	5,896 06	2,879 18	3,080 28	642 56	2,437 72	225 63	142 15	83 48	200 25	164 53	35 72
Rahway.....	30	1,473 12	4,697 11	2,982 06	1,675 04	2,892 89	223 08	133 81	301 79	209 98	91 81	312 54	215 10	97 44
Skaneateles.....	96	2,250 92	16,967 11	13,839 77	3,027 34	2,892 89	348 88	2,543 62	640 50	513 84	26 86	631 64	595 86	25 78
Spafford.....	74	1,826 86	5,689 90	2,006 21	3,683 69	630 60	186 98	443 52	308 49	53 06	255 43	539 92	180 25	349 67
Tully.....	60	1,500 00	9,259 77	8,049 03	1,210 74	568 17	90 20	497 97	256 05	85 65	170 40	660 05	732 02	93 43
Van Buren.....	77	2,025 51	8,185 31	7,343 25	842 06	1,383 80	1,355 94	27 86	508 79	440 53	68 27	708 73	705 90	2 83
Total.....	1,635	\$43,618 89	\$167,155 01	\$129,954 44	\$38,200 57	\$35,541 72	\$17,704 97	\$17,538 75	\$6,477 03	\$6,768 89	\$1,708 14	\$13,729 15	\$11,720 44	\$2,008 71

ONTARIO COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total ex- penditures for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for high- way fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total expendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and ma- chinery fund	Total expendi- tures for snow fund	Total ex- penditures for snow and ma- chinery fund	Balance in snow and ma- chinery fund
Bristol	83	\$1,750 00	\$4,583 42	\$4,148 01	\$435 41	\$725 21	\$438 76	\$286 46	\$350 00	\$278 03	\$71 97	\$749 51	\$286 10	\$455 73	\$93 78
Canadara	66	1,700 00	3,580 00	3,540 84	39 16	6,840 49	3,773 90	3,773 90	302 76	108 57	193 39	302 44	113 08	375 43	28 01
Canadara	127	2,425 00	17,358 23	17,189 64	168 59	6,838 87	1,064 56	462 22	450 00	630 54	10 35	1,065 00	641 40	1,040 06	41 87
East Bloomfield	70	1,500 00	4,483 20	4,483 20	0 00	5,000 00	338 00	183 00	350 00	280 88	69 32	740 90	692 72	482 18	71 72
Farmington	84	1,000 00	6,017 22	4,554 09	1,463 20	1,936 50	374 08	151 52	350 00	106 20	243 71	1,107 20	328 39	405 89	71 31
Geneva	46	1,800 45	6,044 19	3,725 30	2,318 89	1,113 87	812 43	301 25	344 31	314 71	39 57	1,544 87	711 42	530 80	24 07
Oran	107	2,875 00	15,232 43	12,848 00	2,384 43	2,382 02	1,862 43	530 59	724 76	380 18	344 58	1,004 84	780 43	708 81	200 03
Hopewell	71	2,025 00	5,664 94	5,664 94	0 00	1,074 98	1,680 66	385 32	982 03	498 84	483 19	1,104 84	811 42	984 84	100 00
Manchester	81	1,875 00	5,877 15	5,877 15	0 00	1,531 56	1,501 10	30 46	982 03	498 84	483 19	1,104 84	811 42	984 84	100 00
Naples	75	1,875 00	6,310 84	6,310 84	0 00	1,531 56	1,501 10	30 46	982 03	498 84	483 19	1,104 84	811 42	984 84	100 00
Richmond	148	3,700 00	21,904 89	14,585 07	7,319 82	2,982 57	2,609 32	1,352 92	1,325 68	1,154 10	172 58	3,854 43	1,745 32	2,815 04	41 38
Saga	73	3,825 00	6,270 43	5,880 57	389 86	2,707 43	2,709 50	997 92	908 41	639 48	268 93	3,854 43	1,185 25	2,815 04	287 41
South Bristol	103	2,048 31	11,746 83	11,389 25	357 57	2,147 28	2,083 28	84 00	1,908 03	1,017 38	81 67	1,140 12	1,010 43	1,083 43	76 70
Victor	64	4,400 00	3,624 38	2,175 25	1,449 13	1,279 72	423 43	847 29	1,928 48	933 04	34 53	1,632 78	268 90	1,788 57	145 31
West Bloomfield	89	2,225 00	9,440 77	6,648 53	2,792 24	2,000 35	1,928 82	71 53	1,475 91	1,033 19	443 72	1,835 30	579 89	985 41	539 44
	50	1,250 00	5,307 98	3,876 43	1,431 55	1,046 46	234 27	812 19	659 24	51 38	607 86	1,890 00	538 40	582 80	297 20
Total	1,348	\$24,114 06	\$135,198 79	\$112,995 18	\$22,272 61	\$23,127 15	\$22,657 54	\$10,400 61	\$11,225 77	\$8,067 37	\$3,158 40	\$17,317 77	\$9,969 17	\$14,331 94	\$2,985 83

ORANGE COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund
Blooming Grove	73	\$1,825 00	\$6,911 08	\$6,908 56	\$7 45	\$1,133 22	\$389 70	\$842 52	\$584 89	\$439 53	\$45 37	\$318 00	\$107 90	\$107 90
Chester	46	1,000 00	3,294 99	2,960 08	334 96	1,467 50	648 30	819 20	57 02	61 96	5 07	215 21	18 05	45 15
Cornwall	50	2,250 00	7,718 93	7,140 36	578 57	1,379 20	1,037 98	331 22	119 85	92 57	26 28	240 60	13 50	85 74
Crawford	90	1,750 00	5,430 32	5,279 56	150 76	1,027 95	948 20	79 75	149 48	53 45	96 03	566 56	536 00	543 00
Deerpark	101	1,804 00	6,308 14	6,073 71	234 43	1,602 83	1,430 36	182 47	100 00	80 73	19 27	301 91	281 11	281 11
Goshen	73	1,950 00	6,965 12	6,273 43	691 69	971 65	410 42	561 23	220 47	92 13	128 34	984 48	643 07	828 76
Greenville	89	1,325 00	3,163 21	2,984 11	179 10	447 02	447 02	0 00	68 55	68 55	0 00	275 00	245 41	245 41
Hamptonburgh	48	1,500 00	5,406 17	5,076 68	329 49	875 39	464 89	410 50	108 16	79 55	28 61	418 13	310 92	318 18
Highlands	44	1,425 00	1,625 12	1,353 00	272 12	434 88	96 16	328 72	13 95	13 95	0 00	22 35	17 20	22 35
Ministink	57	1,425 00	5,890 82	5,645 45	245 37	250 46	218 33	33 13	126 94	100 53	26 42	250 21	155 61	155 61
Monroe	44	1,225 00	4,263 19	4,263 19	0 00	226 39	664 00	1,335 43	599 10	593 21	174 26	450 00	230 40	230 40
Montgomery	103	2,000 00	6,204 76	6,189 58	15 18	335 75	330 34	5 41	500 00	491 40	8 60	474 27	233 65	1,361 41
Mt. Hope	64	2,183 73	7,180 55	7,150 39	30 16	843 21	833 08	6 13	766 31	763 74	4 57	307 12	233 92	417 21
Newburgh	104	3,620 73	10,924 05	10,810 75	113 30	1,337 06	1,337 06	0 00	1,294 35	1,292 47	1 88	368 25	269 00	368 25
New Windsor	77	2,323 23	8,182 02	8,182 02	0 00	1,815 88	1,815 88	0 00	1,068 32	1,063 60	4 72	348 18	185 23	348 18
Tuxedo	45	6,000 00	20,176 83	19,408 71	768 12	1,534 49	2,099 89	1,234 60	1,068 32	1,063 60	4 72	348 18	185 23	348 18
Walkill	166	4,000 00	12,358 04	12,308 71	49 33	3,000 00	2,174 32	825 68	1,068 32	1,063 60	4 72	348 18	185 23	348 18
Warwick	183	4,575 00	14,800 24	14,800 24	0 00	1,118 38	1,075 93	43 45	1,068 32	1,063 60	4 72	348 18	185 23	348 18
Wawayanda	89	1,907 40	6,091 61	4,275 57	1,816 04	1,118 38	1,075 93	43 45	1,068 32	1,063 60	4 72	348 18	185 23	348 18
Woodbury	53	1,500 00	5,739 04	5,739 04	0 00	349 02	349 02	0 00	1,118 38	1,068 32	4 72	348 18	185 23	348 18
Total	1,566	\$44,661 18	\$148,235 20	\$132,817 70	\$22,417 50	\$22,237 71	\$14,567 26	\$7,670 45	\$8,108 96	\$6,136 00	\$1,673 96	\$11,224 83	\$6,973 63	\$6,450 94
														\$1,784 19

ORLEANS COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total expendi- tures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Albion	52	\$1,705 90	\$6,798 75	\$6,584 48	\$214 27	\$905 21	\$340 13	\$465 08	\$443 46	\$234 36	\$209 10	\$1,336 33	\$598 16	\$398 56
Barre	92	2,000 00	8,205 21	8,224 04	1,881 17	1,265 70	1,005 70	280 00	1,083 97	916 09	167 88	1,068 11	702 90	50 52
Carlton	90	2,500 00	9,435 60	8,826 92	608 68	2,749 63	658 60	2,091 03	647 76	449 40	198 36	1,128 00	570 77	310 90
Chardon	70	1,750 00	7,065 48	6,292 72	792 76	475 00	416 99	58 01	843 07	828 40	14 67	1,132 60	951 86	34
Gaines	51	1,995 57	7,308 35	5,930 59	1,377 76	699 40	699 40	.....	538 86	354 60	184 26	1,111 40	445 35	5 92
Kendall	59	1,888 81	8,601 79	7,368 29	1,233 50	741 72	668 36	73 36	440 14	185 67	254 57	1,012 20	435 90	316 10
Murray	70	1,750 00	8,672 39	5,303 24	3,369 15	1,004 38	453 90	545 48	744 07	557 89	186 18	1,253 61	789 85	206 41
Edgeway	86	2,532 00	10,788 73	9,755 84	1,032 89	903 62	441 41	362 01	662 78	492 73	200 05	1,002 37	603 31	1,047 20
Edgely	82	2,050 00	8,429 70	7,813 27	616 43	1,269 36	1,176 35	93 01	137 56	86 17	51 39	1,370 80	677 86	324 51
Gates	68	1,789 33	8,894 55	3,316 46	5,568 09	2,456 97	2,145 28	311 69	500 00	488 36	31 64	775 00	731 42	43 58
Total	720	\$19,663 67	\$85,210 55	\$65,515 85	\$16,694 70	\$12,270 89	\$8,011 12	\$4,259 77	\$6,041 67	\$4,543 67	\$1,498 10	\$11,190 52	\$6,966 04	\$9,563 59

OSWEGO COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mi- cellaneous fund	Total ex- penditures for snow and mi- cellaneous fund	Balance in snow and mi- cellaneous fund
Albion.....	81	\$1,100 00	\$9,216 06	\$8,001 53	\$231 53	\$292 97	\$12 47	\$500 00	\$426 43	\$73 57	\$106 26	\$2 64	\$58 35	\$47 87
Amoy.....	61	1,000 00	4,612 12	3,152 08	1,459 44	1,685 71	33 13	402 15	402 15	18 99	127 87	5 50	111 53	16 32
Boylston.....	50	794 90	1,619 89	1,507 02	1,122 87	391 87	33 13	175 00	166 01	18 99	85 13	46 13	155 10	102 70
Conantville.....	90	2,250 00	9,234 13	8,940 75	293 38	393 98	139 89	650 00	637 21	12 79	1,260 40	1,849 53	1,157 70	1,027 79
Granby.....	99	2,238 79	7,225 12	4,889 60	2,335 52	341 99	139 89	650 00	637 21	12 79	1,260 40	1,849 53	1,157 70	1,027 79
Hastings.....	98	2,372 04	7,708 38	7,481 84	224 54	648 25	105 33	500 00	306 71	193 29	1,972 81	1,438 19	1,846 74	1,25 87
Hastings.....	100	2,500 00	11,610 12	10,155 56	1,454 56	1,190 09	105 33	500 00	306 71	193 29	1,972 81	1,438 19	1,846 74	1,25 87
Mexico.....	10	2,075 00	14,270 52	9,342 31	4,928 21	1,202 04	658 81	543 23	794 23	771 44	22 79	1,287 86	1,282 91	4 95
New Haven.....	71	1,775 00	8,432 10	8,435 98	156 12	217 98	217 98	313 09	313 09	179 65	1,060 04	1,060 04	988 09	87 54
Oswego.....	62	1,000 00	5,765 30	5,428 59	136 71	217 98	217 98	313 09	313 09	179 65	1,060 04	1,060 04	988 09	87 54
Parish.....	82	2,050 00	16,316 34	6,199 30	10,117 04	7,357 56	7,105 41	252 15	306 08	154 86	151 19	1,060 04	1,060 04	43 27
Re-Jfield.....	81	2,025 09	5,207 79	2,044 44	3,163 35	1,205 18	273 71	931 47	650 52	277 21	222 79	221 38	221 38	43 27
Richland.....	119	2,975 00	13,361 56	8,551 20	4,810 36	738 46	738 46	1,438 15	994 89	445 30	182 56	500 00	500 00	170 56
Sandy Creek.....	85	2,125 00	5,464 01	4,014 87	1,449 14	2,191 22	753 07	116 32	1,440 12	1,393 70	40 42	446 01	446 01	22 34
Schoepel.....	82	2,050 00	17,403 90	8,382 63	9,021 27	928 79	841 61	87 18	364 10	334 18	29 92	1,587 85	1,587 85	34 79
Scotia.....	78	1,950 00	11,567 95	11,486 08	81 87	557 41	452 61	104 80	943 93	837 66	6 27	655 29	51 60	2,944
Volley.....	101	2,525 00	7,507 94	6,323 66	1,184 28	10,602 93	18 32	2,140 59	2,130 00	10 59	1,448 31	1,409 28	1,418 87	82 34
West Monroe.....	57	1,425 00	3,356 08	2,901 89	454 19	382 24	346 92	35 32	61 01	61 01	4 74	651 34	651 34	82 34
Williamstown.....	57	1,425 00	3,356 08	2,901 89	454 19	382 24	346 92	35 32	61 01	61 01	4 74	651 34	651 34	82 34
Minnetto.....	16	600 00	3,752 14	3,428 51	323 63	2,651 03	2,627 92	23 11	306 84	197 48	109 36	433 22	433 22	82 34
Total.....	1,714	\$40,908 87	\$179,203 33	\$139,000 18	\$40,203 15	\$37,007 03	\$2,517 90	\$4,549 13	\$18,678 61	\$18,293 26	\$1,286 25	\$19,424 08	\$12,919 90	\$17,978 47
														\$1,446 07

OTSEGO COUNTY

TOWN	Number of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in high-way fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total expenditures for machinery fund	Balance in machinery fund	Total available for snow and miscellaneous fund	Total expenditures for snow and miscellaneous fund	Balance in snow and miscellaneous fund
Burlington	101	\$1,872.23	\$4,430.72	\$3,445.22	\$985.50	\$441.75	\$418.95	\$22.80	\$215.42	\$202.56	\$12.86	\$903.88	\$300.93	\$22.51
Butternuts	116	2,461.16	5,964.07	4,680.31	1,274.76	1,375.52	1,420.30	153.22	384.04	197.04	187.00	609.67	356.15	122.44
Cherry Valley	88	1,524.96	4,089.99	4,021.57	67.42	131.55	123.41	8.14	300.00	206.65	93.35	435.75	423.75	435.75
Deerpark	40	1,186.00	2,755.25	1,785.75	969.50	30.00	15.07	14.93	125.61	90.41	26.20	209.61	209.61	209.61
Elkton	94	1,723.64	6,967.52	4,162.55	2,804.97	2,228.36	1,577.36	651.00	707.47	591.70	115.77	1,771.99	1,49.87	468.45
Franklin	65	1,438.19	3,716.83	3,405.34	311.20	264.57	249.20	15.28	268.16	263.31	4.85	244.92	218.71	26.21
Harbort	98	1,280.99	3,799.67	2,781.11	1,009.56	533.96	513.40	20.56	282.12	280.50	1.62	521.91	487.82	34.09
Harlem	83	1,483.97	3,151.47	2,879.72	271.75	1,179.24	1,060.00	113.24	180.00	173.51	6.49	591.80	343.50	283.30
Maryland	98	1,558.94	4,191.92	3,215.08	876.84	1,831.92	1,751.06	80.86	250.00	197.11	52.89	826.41	670.57	155.84
Middlefield	141	2,967.13	9,814.38	5,797.33	4,016.85	1,007.72	973.54	34.18	456.35	455.87	6.48	532.00	449.29	82.71
Miffland	95	2,178.37	7,038.45	5,236.68	1,821.77	1,515.67	1,453.12	62.55	350.00	283.49	66.51	850.00	600.30	249.70
Morris	91	1,609.94	3,312.99	2,359.19	953.80	400.00	31.06	308.94	500.00	201.37	298.63	172.61	172.61	172.61
New London	110	1,598.39	4,401.44	2,257.46	2,143.98	585.02	585.02	294.07	294.07	204.07	93.00	612.40	252.01	360.39
Oneonta	61	1,236.00	5,506.55	3,949.28	1,557.27	1,108.91	1,003.88	105.03	203.26	188.54	14.72	583.86	431.60	152.26
Oran	83	1,338.96	3,338.96	3,721.90	516.46	786.31	782.51	3.80	206.24	202.87	3.37	273.81	243.81	29.00
Oran	120	2,324.49	9,620.94	4,780.00	4,831.94	783.48	783.48	1.00	579.45	570.45	9.00	1,554.74	1,554.74	1,554.74
Pittsfield	73	1,202.42	4,472.53	2,706.32	1,766.21	1,178.52	1,046.47	132.05	1,025.50	466.78	558.72	596.96	477.29	119.67
Pittsfield	61	851.78	2,603.69	2,655.47	48.22	1,753.35	1,046.47	708.88	632.81	108.59	544.31	196.10	72.90	123.20
Pittsfield	64	1,600.00	4,510.95	2,887.68	1,623.27	1,753.35	1,046.47	708.88	632.81	108.59	544.31	196.10	72.90	123.20
Pittsfield	70	1,147.77	3,634.70	3,223.14	411.00	850.68	850.68	1.66	117.41	171.20	5.21	446.76	444.25	2.51
Pittsfield	103	2,295.93	6,434.83	4,233.14	2,201.69	432.66	432.66	1.66	632.81	171.20	5.21	543.03	473.90	69.13
Pittsfield	91	1,749.89	4,510.95	3,653.58	858.24	2,006.60	1,656.60	350.00	510.00	454.00	25.00	473.90	473.90	473.90
Pittsfield	81	1,232.69	2,610.86	2,158.85	452.01	315.49	277.59	37.90	234.19	234.19	5.00	443.20	443.20	443.20
Pittsfield	103	1,201.49	3,880.43	3,467.54	412.89	1,063.31	463.53	621.78	513.43	205.80	307.63	812.17	792.17	20.00
Total	2,153	\$38,988.04	\$114,710.36	\$82,249.60	\$32,460.67	\$22,620.06	\$18,556.71	\$4,063.35	\$8,908.51	\$6,453.14	\$2,455.37	\$14,840.52	\$10,350.11	\$13,513.63
														\$1,226.90

PUTNAM COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Carmel	94	\$3,000 00	\$10,990 82	\$9,189 57	\$1,801 25	\$2,694 02	\$1,138 73	\$1,545 30	\$1,012 82	\$344 58	\$768 24	\$1,395 81	\$838 55	\$557 26
Kent	96	2,400 00	7,351 57	5,819 80	1,531 77	394 94	394 94	.....	259 01	215 11	43 90	225 16	838 55	.....
Patterson	62	1,000 00	3,181 33	3,111 94	69 39	2,751 20	266 36	2,484 84	201 42	133 10	68 32	274 10	225 15	.....
Phillipstown	95	3,716 66	14,078 31	10,809 70	3,268 61	2,690 51	1,297 04	1,372 47	238 39	236 92	1 47	780 13	234 50	39 60
Putnam Valley	80	1,750 00	5,125 56	3,614 04	1,511 52	317 49	147 59	1,69 90	153 09	120 51	32 58	194 60	760 83	19 20
Southeast	82	4,232 94	19,819 01	9,336 85	10,482 16	7,365 16	4,895 74	2,469 42	771 19	155 85	615 34	1,002 82	179 00	15 60
Total	509	\$16,099 60	\$60,546 60	\$41,881 90	\$18,664 70	\$16,182 32	\$8,140 39	\$8,041 93	\$2,635 92	\$1,106 07	\$1,539 86	\$3,872 61	\$2,911 40	\$961 21

RENSSELAER COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and ma- cellaneous fund	Total ex- penditures for snow and ma- cellaneous fund	Balance in snow and ma- cellaneous fund
Berlin.....	80	\$1,170 00	\$3,274 36	\$2,078 80	\$1,105 56	\$482 62	\$340 35	\$142 27	\$510 33	\$325 83	\$184 50	\$229 63	\$224 48	\$0 15
Brunswick.....	90	1,500 00	6,213 15	5,276 57	936 58	854 73	813 01	41 72	300 00	292 06	7 94	1,174 13	1,174 13	72
East, Greenbush.....	53	600 00	3,570 20	2,601 85	968 35	2,653 43	2,226 67	426 76	34 50	8 88	25 62	416 85	416 85	104 93
Grafton.....	80	1,200 00	4,263 03	2,238 45	2,024 58	435 54	244 97	190 57	147 41	61 74	85 70	133 83	19 90	28 90
Hosack.....	132	2,000 00	9,354 98	5,748 09	3,606 89	3,821 94	3,188 15	433 79	338 20	206 20	132 00	1,270 48	1,001 80	205 68
Nassau.....	102	1,500 00	5,497 38	4,987 61	509 77	1,572 50	832 74	739 76	250 72	134 86	115 86	551 84	459 29	68 55
North Greenbush.....	39	750 00	4,156 53	4,139 87	16 66	135 97	71 27	64 70	121 05	26 62	64 43	184 57	81 40	103 17
Petersburg.....	66	945 00	4,488 60	3,913 62	574 98	249 05	234 72	14 33	72 55	376 28	140 40	737 70	30 57	75 37
Pulstow.....	153	1,800 00	10,191 48	6,854 19	3,337 29	1,294 05	744 60	549 77	516 88	233 99	140 40	291 00	704 90	20 80
Postentkill.....	65	830 25	4,352 70	4,324 56	28 14	501 07	501 97	90	233 99	233 99	140 40	291 00	9 00	201 00
Sand Lake.....	92	2,000 00	6,638 20	4,867 50	1,770 70	902 78	661 79	270 99	447 55	238 83	208 72	504 77	482 05	482 05
Schaghticoke.....	103	1,966 00	8,408 34	5,645 67	2,762 67	4,470 05	4,221 39	248 66	544 56	449 90	64 66	1,750 94	1,585 40	1,618 40
Schoharie.....	128	2,713 50	10,725 15	10,723 15	2,702 00	2,000 00	1,497 88	502 12	523 24	414 89	108 36	1,209 47	1,209 47	4 65
Stephentown.....	109	2,250 00	4,985 41	4,313 11	672 30	2,870 38	800 78	69 80	322 59	307 62	14 97	1,100 00	543 05	1,065 35
Total.....	1,291	\$21,324 75	\$86,138 40	\$67,713 04	\$18,425 36	\$20,195 33	\$16,500 20	\$3,665 04	\$4,363 40	\$3,150 24	\$1,213 16	\$9,631 30	\$7,936 29	\$663 91

ROCKLAND COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and ma- cellaneous fund	Total ex- penditures for snow and ma- cellaneous fund	Balance in snow and ma- cellaneous fund
Clarkstown.....	123	\$7,190 15	\$39,894 75	\$28,518 57	\$1,376 18	\$3,564 47	\$2,755 23	\$809 24	\$759 34	\$755 80	\$3 54	\$1,800 33	\$248 33	\$257 38
Haverstraw.....	13	1,087 75	4,355 54	4,272 45	83 09	1,224 81	1,224 81	.....	235 47	235 47	.....	1,063 73	447 78	168 74
Orangeburg.....	63	5,338 77	25,072 37	17,567 85	7,504 52	7,060 13	6,859 88	200 25	337 58	307 10	30 48	1,987 31	767 45	12 72
Ramapo.....	123	5,435 81	29,849 62	19,987 37	9,862 25	1,335 45	1,163 91	171 54	1,522 53	914 24	608 29	1,717 89	676 17	276 26
Stony Point.....	49	2,308 18	8,907 13	8,888 49	18 64	961 32	1,803 95	157 37	238 44	96 91	141 53	505 17	300 24	4 93
Total.....	371	\$21,369 66	\$98,079 41	\$79,234 73	\$18,844 68	\$14,146 18	\$12,807 78	\$1,338 40	\$3,063 36	\$2,309 52	\$783 84	\$7,034 43	\$2,439 97	\$720 03

SARATOGA COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Ballston	60	\$1,265 20	\$0,379 20	\$5,176 61	\$1,202 59	\$817 31	\$817 31		\$585 83	\$508 83	\$6 08	\$2,018 50	\$1,979 06	\$39 44
Charlton	09	1,214 03	2,958 42	2,701 43	256 99	608 50	608 50		127 00	120 92		2,401 27	2,401 27	
Clifton Park	101	1,560 00	6,064 06	5,188 95	865 11	939 87	906 82	\$23 05	508 89	508 89		2,012 39	2,012 39	
Corinth	66	1,351 64	2,716 24	2,465 06	221 18	1,918 36	1,861 09	57 26	508 37	508 37		1,364 75	1,923 47	312 82
Day	66	742 51	2,574 70	1,485 25	1,089 45	195 00	193 50	1 50	36 75	33 10	3 65	716 40	1,061 93	7 35
Edinburg	52	571 55	3,538 36	3,103 45	434 91	356 85	353 17	3 68	60 67	60 67		224 51	709 05	15 18
Galway	101	1,063 70	5,026 32	4,012 48	1,013 84	128 46	22 88	105 58	129 75	128 12	1 63	2,360 93	2,369 93	15 18
Greenfield	128	1,815 20	5,210 87	4,168 55	1,042 32	376 90	376 90		304 87	263 48	41 39	1,067 00	1,431 54	175 46
Hadley	01	1,525 00	3,345 07	3,316 84	28 23	438 69	438 69		047 04	647 04		1,021 40	1,021 40	
Half Moon	79	2,294 80	8,557 04	7,170 45	1,386 59	471 22	362 50	108 72	409 74	464 99	4 75	2,800 10	2,795 90	4 20
Malia	59	852 87	2,290 01	2,183 43	106 58	113 93	113 93		66 50	66 50		1,635 02	1,635 02	
Milton	93	2,325 00	5,292 29	3,867 94	1,424 35	15,085 17	15,516 67	468 50	508 62	508 62		1,509 64	1,509 64	
Moreau	84	1,910 51	7,852 90	7,085 03	767 87	1,642 61	1,157 67	484 93	303 65	180 94	122 71	2,039 07	2,022 10	16 97
Northumberland	76	1,277 25	4,351 48	3,807 46	544 02	1,500 53	1,411 65	88 87	108 11	90 79	21 32	1,792 40	1,592 42	187 98
Providence	64	1,315 77	2,768 78	2,762 84	5 94	1,631 94	1,103 33	528 61	84 61	77 08	6 93	1,077 34	896 06	972 63
Saratoga	98	1,719 85	6,251 01	5,760 22	490 79	1,689 36	1,679 27	10 23	301 36	10 34	291 02	1,520 95	1,389 15	75 11
Saratoga Springs	60	1,720 62	6,001 12	5,489 23	511 89									
Stillwater	100	2,000 00	6,765 76	5,899 20	866 56	686 93								
Union	12	548 98	4,130 58	1,151 76	2,978 82	301 52								
Waterford	82	1,442 15	3,938 02	3,018 74	919 28	455 73								
Weston														
Total	1,511	\$29,107 55	\$96,042 23	\$79,844 92	\$16,197 31	\$29,229 01	\$27,070 05	\$2,188 96	\$5,606 34	\$5,026 70	\$581 64	\$29,467 25	\$28,465 12	\$972 13

SCHENECTADY COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Duaneburg	117	\$3,000 00	\$11,655 35	\$7,890 67	\$3,764 68	\$4,200 99	\$940 39	\$3,360 60	\$1,108 33	\$1,026 20	\$82 13	\$3,485 20	\$2,410 19	\$3,083 39
Glenville	102	2,925 00	14,520 92	10,521 55	3,999 37	2,280 03	2,100 01	179 12	561 93	283 32	276 61	4,475 87	4,213 56	4,475 87
Niskayuna	37	2,100 00	10,804 33	8,054 11	2,750 22	2,100 00	2,023 13	76 87	510 00	398 91	111 09	481 10	365 17	395 17
Princeton	46	840 00	8,773 92	7,770 37	1,003 55	950 00	919 51	30 49	121 55	110 28	11 27	450 00	424 30	424 30
Rotterdam	74	2,100 00	12,406 13	8,973 78	3,432 35	1,664 59	1,664 59	.....	505 45	308 34	197 11	2,376 00	1,656 80	2,225 75
Total	413	\$10,965 00	\$58,160 65	\$43,210 48	\$14,950 17	\$11,195 61	\$7,548 53	\$3,647 08	\$2,907 26	\$2,129 05	\$678 21	\$11,268 17	\$9,070 02	\$10,604 48
														\$663 69

SCHOHARIE COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Rienheim.....	63	\$1,000 00	\$4,068 71	\$3,139 79	\$1,628 92	\$521 90	\$353 11	\$80 41	\$80 41	\$80 41	\$43 29	\$172 34	\$39 06	\$24 33
Broome.....	110	1,300 00	2,960 63	1,748 45	937 07	263 31	92 09	78 63	78 63	35 34	\$43 29	375 81	41 40	186 02
Broome.....	63	1,300 00	2,960 63	1,748 45	937 07	263 31	92 09	78 63	78 63	35 34	\$43 29	375 81	41 40	186 02
Carlisle.....	59	1,475 00	6,133 06	4,874 55	1,784 23	612 59	319 82	539 18	539 18	406 97	132 21	963 50	570 86	859 67
Cobleskill.....	59	1,475 00	6,133 06	4,874 55	1,784 23	612 59	319 82	539 18	539 18	406 97	132 21	963 50	570 86	859 67
Conserve.....	75	1,300 00	2,968 25	2,336 18	637 07	499 19	461 87	559 54	204 24	204 24	356 30	2,905 47	508 70	1,500 89
Esopus.....	40	1,000 00	3,345 87	3,022 43	323 44	901 45	272 66	201 14	201 14	80 50	120 58	170 14	44 21	96 06
Fulton.....	115	1,665 00	8,263 58	3,199 45	5,054 13	2,829 66	39 44	144 26	125 32	118 29	7 03	519 33	283 55	1 20
Gilboa.....	122	3,050 00	7,927 11	5,691 26	2,235 85	503 30	446 62	56 68	348 31	348 31	62 81	1,485 67	193 01	1 20
Jefferson.....	90	1,440 00	4,125 14	3,706 51	358 63	712 74	632 74	80 00	348 31	348 31	62 81	1,485 67	193 01	1 20
Middleburgh.....	101	2,625 00	6,966 74	4,653 09	2,313 65	5,253 33	138 96	249 53	249 53	594 25	25 11	1,168 57	439 75	6 07
Richmondville.....	71	1,155 70	3,625 92	2,407 75	1,218 17	834 37	88 92	619 36	619 36	594 25	25 11	1,168 57	439 75	6 07
Schoharie.....	54	825 65	3,139 64	2,783 86	355 78	7,242 16	206 49	245 80	162 05	162 05	5 57	1,465 76	303 46	121 35
Seward.....	78	1,950 00	6,448 93	2,848 90	3,600 03	1,910 57	7,242 16	206 49	162 05	162 05	5 57	1,465 76	303 46	121 35
Sharon.....	75	1,800 00	5,602 73	4,819 71	783 02	1,910 57	46 14	675 91	675 91	675 91	205 87	638 61	446 87	33 39
Summit.....	79	1,170 00	5,490 33	2,199 93	3,290 39	765 12	29 36	513 58	513 58	307 71	57 46	1,524 10	696 80	100 74
Wright.....	64	1,041 60	2,874 27	2,736 23	138 04	1,007 92	196 19	195 40	137 94	137 94	2 65	510 55	332 99	7 93
Total.....	1,259	\$24,297 95	\$80,008 59	\$63,575 09	\$36,428 50	\$26,006 17	\$23,600 52	\$2,404 65	\$4,821 15	\$3,650 46	\$1,170 69	\$15,096 97	\$5,505 22	\$2,108 61

SCHUYLER COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- pendi- tures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Catherine	72	\$1,800 00	\$3,859 12	\$2,840 35	\$1,018 77	\$641 01	\$385 11	\$255 90	\$200 00	\$122 91	\$77 08	\$209 99	\$41 00	\$159 99
Cayuta	38	2,325 00	1,938 31	1,780 05	1,186 26	300 20	79 13	221 07	106 14	53 12	83 02	169 86	19 50	150 36
Dix	90	2,250 00	5,878 26	3,038 19	2,940 07	407 55	112 68	284 90	342 26	63 64	278 72	789 00	810 13	178 87
Victor	249	5,600 00	19,592 44	19,410 53	1,181 92	1,237 31	1,136 28	101 03	1,157 12	1,157 12	812 79	812 79	795 71	812 79
Monroe	41	900 00	3,056 00	2,759 52	296 08	2,206 42	2,206 42	40 36	379 40	371 14	8 26	963 00	30 25	288 93
Orange	115	2,000 00	4,118 72	4,117 66	1 06	700 00	659 64	40 36	114 65	114 65	201 78	201 78	64 03	128 41
Reading	61	1,525 00	5,889 14	5,870 13	19 01	504 60	377 47	127 13	320 88	259 22	61 66	587 95	509 49	78 49
Tyone	98	1,800 00	5,564 41	5,336 07	228 34	1,021 26	1,021 26	.....	200 00	141 05	58 95	438 16	431 75	6 41
Total	783	\$16,400 00	\$49,894 40	\$45,123 89	\$4,771 51	\$7,018 35	\$5,977 96	\$1,040 39	\$2,820 45	\$2,282 75	\$537 70	\$4,172 53	\$3,185 07	\$987 46

SENECA COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and sub- cellaneous fund	Total ex- penditures for snow and sub- cellaneous fund	Balance in snow and sub- cellaneous fund
Corvet.....	70	\$1,750 00	\$10,755 24	\$6,509 47	\$4,246 77	\$1,016 44	\$912 93	\$103 51	\$600 00	\$451 45	\$148 55	\$924 68	\$790 84	\$133 84
Payette.....	142	2,500 00	9,098 83	7,708 48	1,390 34	1,721 05	893 31	827 84	759 53	434 55	324 97	1,553 41	1,492 60	60 81
Idaho.....	62	1,575 00	4,435 87	4,284 03	151 83	151 83	243 75	150 52	143 50	138 18	7 38	476 00	441 62	34 38
Idaho.....	71	1,525 00	7,589 74	5,461 00	2,128 74	408 00	108 38	296 62	450 00	380 16	69 84	600 00	451 65	148 35
Idaho.....	71	1,775 00	7,518 43	4,504 06	3,013 77	500 00	489 84	23 15	557 68	587 68	59 90	823 14	520 71	302 43
Idaho.....	38	2,100 00	7,015 73	4,090 74	2,924 99	500 00	274 51	234 49	980 75	700 54	280 21	708 48	646 49	62 99
Idaho.....	38	1,389 43	9,417 58	4,138 10	5,279 48	1,700 80	793 61	911 87	375 87	145 40	231 37	1,038 88	833 60	205 28
Idaho.....	82	1,300 00	3,739 81	2,739 81	2,739 81	1,700 80	233 64	318 47	375 87	145 40	231 37	1,038 88	833 60	205 28
Idaho.....	41	1,800 00	3,147 53	2,895 32	2,895 32	652 63	418 06	16 59	330 75	319 79	10 96	833 41	781 70	51 71
Idaho.....	46	1,824 17	6,627 64	4,978 41	1,649 23	969 89	77 54	622 35	117 09	117 09	.....	238 86	234 16	4 70
Total.....	704	\$16,811 62	\$89,318 44	\$46,501 03	\$22,817 41	\$8,227 95	\$4,712 79	\$3,815 16	\$4,444 01	\$3,327 28	\$1,116 73	\$7,775 25	\$6,507 09	\$7,319 09
														\$456 16

STEBEN COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Addison.....	51	\$1,275 00	\$4,968 49	\$4,135 53	\$832 96	\$650 00	\$635 42	\$14 58	\$280 31	\$251 08	\$28 63	\$314 13	\$183 40	\$286 10
Arcos.....	82	1,200 00	9,367 71	8,999 91	367 80	3,273 73	2,273 73	523 71	439 72	439 72	.....	400 14	183 76	366 08
Bath.....	207	5,175 00	7,257 90	7,809 99	647 72	2,809 34	2,273 73	523 71	574 11	569 16	4 95	2,000 58	434 30	1,371 77
Bradford.....	57	900 00	4,038 68	3,220 52	818 10	1,633 37	401 21	163 16	81 23	60 54	20 06	1,569 38	106 78	127 75
Cameron.....	106	2,640 00	9,994 79	9,287 17	737 62	1,023 66	1,555 07	468 59	271 04	194 98	76 06	1,569 38	147 90	947 29
Campbell.....	85	1,200 00	6,246 33	5,209 30	1,037 03	1,367 83	1,343 58	24 25	139 42	97 34	42 08	1,367 83	171 18	366 01
Canisteo.....	94	2,350 00	8,215 35	8,209 30	6 05	1,345 49	1,061 33	284 16	1,121 01	1,056 86	64 15	1,367 83	301 53	1,372 88
Cason.....	91	2,275 00	8,331 53	7,251 23	1,080 31	1,336 87	1,243 23	93 64	704 06	704 06	.....	1,367 83	216 55	722 28
Colchester.....	129	3,150 00	12,646 87	11,391 47	1,255 40	1,812 78	1,613 36	194 42	536 40	528 45	7 95	1,062 61	398 60	733 80
Corning.....	87	2,175 00	6,694 39	5,078 31	1,616 08	1,065 19	672 15	383 04	602 23	521 12	81 11	1,062 61	86 35	558 55
Danville.....	124	2,100 00	6,528 23	4,445 06	2,083 17	1,601 72	1,299 77	303 03	775 90	714 08	255 56	1,062 61	28 18	660 97
Erwin.....	59	1,050 00	3,211 12	3,171 11	40 01	983 15	257 65	725 50	251 56	159 62	61 23	1,062 61	1,005 05	38 24
Fremont.....	81	2,025 00	9,754 44	9,047 39	707 05	1,392 06	965 47	426 59	927 85	468 43	459 42	1,062 61	37 25	597 29
Greenwood.....	94	2,400 00	7,981 29	7,882 33	98 96	1,392 06	965 47	426 59	927 85	468 43	459 42	1,062 61	4 50	1,539 61
Hartsville.....	67	1,675 00	2,850 46	1,856 46	1,000 00	1,392 06	965 47	426 59	927 85	468 43	459 42	1,062 61	7 76	183 00
Hornby.....	90	1,800 00	4,020 98	2,532 12	1,488 86	2,515 18	2,431 66	83 52	768 30	338 18	48 45	490 86	111 14	390 35
Hornville.....	90	2,250 00	9,362 92	9,182 55	1,800 37	2,515 18	2,431 66	83 52	768 30	338 18	48 45	490 86	105 37	549 22
Howard.....	147	3,675 00	11,677 94	8,392 36	3,285 58	567 24	431 04	136 18	388 96	333 45	71 29	837 67	64 70	743 11
Jasper.....	112	2,800 00	8,553 95	8,745 14	1,08 81	3,039 66	1,728 87	1,313 79	806 85	837 80	198 20	720 23	204 54	704 29
Lindley.....	176	1,760 00	3,756 03	3,144 50	611 53	3,039 66	1,728 87	1,313 79	806 85	837 80	198 20	720 23	27 34	381 30
Prattburgh.....	117	2,925 00	7,110 05	6,594 86	1,515 19	1,283 05	624 23	658 82	906 88	806 88	379 26	465 18	749 46	978 08
Pulney.....	87	1,750 00	9,139 45	8,096 98	2,442 47	580 32	506 90	73 42	636 94	267 08	16 64	1,075 42	63 05	992 04
Rathbone.....	88	1,750 00	10,285 26	6,030 27	4,254 99	579 78	578 53	1 22	329 43	312 79	15 12	1,075 42	91 00	992 04
Thurston.....	89	1,600 00	4,996 01	2,149 43	2,846 58	947 28	726 24	221 04	248 83	93 73	155 12	813 08	23 40	333 17
Troopburg.....	122	2,620 00	5,842 74	5,291 64	550 90	1,488 64	780 76	707 88	150 00	121 42	28 58	357 03	116 39	296 99
Tuesara.....	80	2,000 00	6,838 78	5,490 51	985 99	1,579 83	1,08 86	471 07	578 28	535 82	43 47	662 98	346 27	396 27
Urbana.....	98	2,450 00	9,484 01	8,544 01	985 99	1,807 83	2,777 30	30 53	1,345 68	1,282 41	63 27	1,174 88	147 05	991 34
Wayland.....	90	2,000 00	10,110 47	7,770 70	2,342 62	2,774 62	245 82	28 80	300 38	309 38	90 11	1,245 80	225 25	1,128 90
Wayne.....	83	1,325 00	7,846 37	6,354 57	1,491 70	270 42	245 82	28 80	300 38	309 38	90 11	1,245 80	36 03	59 53
West Union.....	100	2,500 00	8,688 39	5,172 90	3,515 49	703 08	398 19	304 89	419 05	419 08	111 58	503 06	169 16	508 06
Wheeler.....	113	1,800 00	8,380 39	8,217 11	163 28	1,143 73	278 31	870 42	455 00	343 12	111 58	503 06	69 63	280 50
Woodhill.....	125	3,125 00	9,155 17	7,452 62	1,702 55	2,266 60	2,146 13	130 47	501 54	422 15	79 40	423 00	146 12	373 27
Total.....	3,094	\$70,055 00	\$239,616 71	\$204,203 43	\$35,413 28	\$45,349 59	\$33,031 11	\$12,218 48	\$13,742 53	\$13,717 93	\$3,024 60	\$25,451 41	\$5,181 49	\$19,998 70
														\$5,452 71

SUFFOLK COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous cellaneous fund	Total ex- penditures for snow and mis- cellaneous cellaneous fund	Balance in snow and mis- cellaneous cellaneous fund
Babylon.....	128	\$4,475 13	\$31,561 17	\$7,434 55	\$24,126 62	\$1,554 68	\$22 51	\$1,532 17	\$719 67	\$550 61	\$169 06	\$3,104 32	\$205 25	\$4,003 27
Brookhaven.....	471	20,401 35	146,068 32	114,039 71	31,149 61	4,203 45	1,768 04	2,435 41	1,230 77	1,151 80	78 97	6,589 96	535 23	2,149 19
Easthampton.....	153	6,555 05	44,562 00	42,264 13	2,297 87	176 13	.....	176 13	1,483 46	1,483 46	.....	1,400 67	288 94	133 54
Framingham.....	267	16,724 61	130,694 04	72,765 50	57,918 54	3,712 86	332 37	3,380 49	1,578 49	1,396 65	181 84	3,149 60	.....	1,924 08
Leip.....	201	27,000 00	93,847 75	81,190 85	12,656 90	3,217 65	478 35	2,739 30	500 36	483 67	16 09	5,338 97	651 00	1,426 29
Riverhead.....	138	5,916 04	41,968 34	40,990 73	967 61	1,671 32	1,117 33	553 99	821 40	676 96	144 44	2,240 52	747 12	523 66
Shelter Island.....	20	2,350 00	8,654 33	3,395 68	5,258 65	197 08	85 50	111 58	213 94	95 86	118 08	924 64	.....	85 85
Smithtown.....	126	6,382 82	32,909 37	18,033 60	14,875 77	3,608 80	165 75	3,443 05	519 02	247 64	271 38	1,006 27	139 25	614 27
Southampton.....	325	12,323 05	114,657 51	110,364 64	4,292 87	7,534 51	5,379 89	2,154 62	1,583 95	1,489 29	64 66	13,383 27	938 16	759 71
Southold.....	124	7,571 39	46,555 96	32,683 83	13,872 43	15,713 35	15,542 67	170 68	965 95	826 18	139 77	4,008 83	801 68	1,935 44
Total.....	1,953	\$109,099 44	\$691,508 79	\$524,062 92	\$167,445 87	\$41,589 83	\$24,892 41	\$16,697 42	\$9,586 01	\$8,401 12	\$1,184 89	\$45,186 06	\$4,336 62	\$12,603 90

SULLIVAN COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Bethel	162	\$3,200 00	\$3,983 63	\$5,950 30	\$2,024 33	\$1,049 61	\$835 19	\$234 42	\$398 65	\$374 86	\$23 79	\$717 42	\$633 22	\$84 20
Calhoun	120	3,000 00	8,449 47	7,662 64	806 83	404 52	345 77	58 75	424 71	398 83	25 88	103 45	80 62	240 03
Cornwall	78	1,950 00	6,238 89	6,218 50	120 39	620 37	342 71	575 48	723 43	703 82	20 61	587 02	326 93	250 96
Danville	88	2,000 00	6,940 71	3,967 46	2,973 25	965 45	171 72	825 37	636 51	170 86	455 65	400 00	81 74	377 11
Ellsworth	201	6,625 00	11,477 31	10,304 42	1,172 88	1,485 89	960 19	688 70	1,404 88	1,054 08	450 80	1,418 94	1,114 80	302 00
Frederick	64	1,450 00	3,970 87	3,462 93	266 92	453 74	218 12	238 40	1,147 27	130 41	51 86	508 64	539 86	45 60
Frederick	120	2,000 00	6,193 09	6,100 08	93 01	494 74	378 80	133 70	147 77	108 61	39 12	662 09	612 11	50 79
Highland	77	1,000 00	5,844 56	5,628 56	216 00	371 19	142 39	142 39	412 11	404 57	7 54	904 62	822 04	382 58
Liberty	184	4,450 00	13,540 46	11,313 11	2,227 35	2,313 25	2,195 41	121 94	1,367 00	1,350 16	16 82	1,536 36	1,418 06	111 29
Lemington	84	1,000 00	4,820 61	4,162 88	657 73	740 17	1,015 30	144 87	381 00	481 04	117 12	230 30	230 30	.....
Madison	189	3,500 00	8,903 00	8,775 61	127 39	2,196 00	1,838 40	256 60	260 00	482 82	117 12	230 30	230 30	.....
Marblehead	144	3,000 00	8,361 00	9,957 83	2,403 17	2,241 97	2,227 39	18 50	170 10	184 52	25 53	809 64	687 67	120 99
Rockland	176	4,000 00	12,804 00	9,453 63	3,350 37	2,626 40	1,058 24	48 06	845 17	686 36	172 21	1,200 00	910 31	380 63
Thompson	66	1,450 00	10,715 92	7,753 46	2,962 23	1,524 47	1,269 55	254 92	2,610 77	2,406 09	14 68	2,258 17	1,633 46	394 48
.....	.....	.....	5,739 28	5,739 28	.....	580 63	215 03	345 50	344 89	486 02	59 27	528 10	486 10	.....
Total	1,901	\$45,450 00	\$123,122 84	\$103,668 44	\$19,454 40	\$18,065 12	\$13,979 97	\$4,065 15	\$10,532 33	\$9,063 66	\$1,478 67	\$12,376 38	\$4,250 02	\$2,236 99

TIOGA COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- pendi- tures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Barton.....	132	\$2,065 08	\$6,806 05	\$4,568 15	\$2,207 90	\$2,572 46	\$2,314 94	\$557 52	\$583 75	\$183 34	\$399 41	\$943 11	\$350 12	\$354 54
Berkshire.....	58	1,211 61	3,207 95	2,775 89	432 06	4,575 00	4,101 11	164 89	188 00	171 30	14 70	215 63	215 63	.....
Cander.....	191	4,728 66	10,131 82	10,131 82	.....	4,279 49	4,186 24	93 25	461 79	461 79	.....	545 47	345 75	67 73
Newark Valley.....	89	1,438 12	5,153 37	3,553 65	1,639 72	926 13	882 26	43 87	198 87	81 05	117 82	633 33	358 98	257 35
Nichols.....	73	1,483 18	4,368 20	4,257 51	110 69	1,700 75	1,047 50	653 25	306 67	242 88	63 79	1,474 02	121 80	321 20
Owego.....	224	5,600 00	13,669 56	8,812 46	4,857 10	6,423 90	6,100 50	323 40	500 00	500 00	.....	918 40	831 53	1 03
Richford.....	73	1,557 97	3,304 94	2,725 25	579 69	1,260 23	1,020 27	239 96	542 55	250 73	291 82	1,135 81	376 51	66 11
Spencer.....	100	2,500 60	5,178 98	3,179 99	1,968 99	2,691 60	1,316 04	1,375 56	400 04	53 31	346 73	472 40	257 66	118 62
Tioga.....	127	3,026 19	9,475 60	6,063 10	3,392 50	3,097 92	2,423 07	674 85	782 52	738 34	44 18	548 35	183 02	137 67
Total.....	1,067	\$23,631 81	\$61,336 47	\$46,117 82	\$15,218 65	\$23,827 48	\$19,700 93	\$4,126 55	\$3,964 19	\$2,655 74	\$1,278 45	\$6,786 52	\$2,981 24	\$1,324 25

TOMPKINS COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Caroline	124	\$3,100 00	\$5,922 87	\$4,208 40	\$1,784 27	\$905 96	\$905 96	\$237 77	\$212 37	\$212 37		\$339 03	\$300 82	\$47 91
Danby	125	1,800 00	6,556 31	6,089 48	466 83	460 00	222 83	\$237 77	372 29	372 29		390 00	390 00	278 77
Dryden	192	4,780 00	20,866 49	20,866 49		1,682 43	1,682 43		639 20	639 20		2,137 08	1,850 31	248 56
Enfield	79	1,975 00	6,880 87	4,808 02	1,072 85	1,487 87	1,487 87	948 01	313 43	237 34	\$78 09	1,597 94	340 28	843 10
Groton	108	2,700 00	10,583 10	10,463 11	118 99	3,481 64	2,040 80	1,450 79	990 85	714 69	\$78 26	1,433 10	30 40	123 89
Ithaca	80	2,000 00	11,384 25	10,928 49	455 76	1,633 03	1,510 34	127 69	310 71	257 90	52 81	123 89	40 50	143 06
Leasburg	142	3,000 00	9,283 30	8,457 40	825 90	1,027 24	455 15	572 09	153 12	153 12	12 49	234 78	81 73	121 56
Newfield	141	3,185 00	7,126 00	6,243 06	882 34	5,000 00	4,245 22	754 78	296 94	284 45		1,170 11	1,048 66	
Ulysses	100	2,500 00	12,469 73	10,187 46	2,282 28	241 69	233 05	8 64	639 95	639 95		1,625 74	1,625 74	
Total	1,001	\$23,080 00	\$90,120 72	\$79,253 50	\$10,866 22	\$16,315 46	\$11,715 60	\$4,099 77	\$3,928 86	\$3,511 21	\$417 65	\$7,931 57	\$6,250 03	\$1,680 94

ULSTER COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Denning.....	101	\$1,250 00	\$3,506 89	\$2,315 82	\$1,191 07	\$904 49	\$756 81	\$147 68	\$32 85	\$44 05	\$8 80	\$466 12	\$396 37	\$28 00
Esopus.....	74	2,500 00	9,965 73	8,547 98	1,417 75	1,510 08	1,480 06	30 02	740 56	740 56	.....	831 90	723 34	77 56
Gardiner.....	82	1,800 00	4,812 32	4,809 93	2 39	1,037 18	808 50	228 68	255 53	232 85	23 68	253 27	247 00	6 27
Hartford.....	65	1,200 00	6,146 24	3,349 33	2,796 91	1,900 33	933 83	966 50	455 30	64 02	301 28	234 82	77 77	130 76
Hurley.....	59	800 00	4,860 42	1,967 92	2,892 50	147 38	129 75	17 63	99 77	86 78	12 99	310 25	307 00	3 25
Kingston.....	13	325 00	987 92	792 50	195 42	198 80	34 28	164 52	39 28	90	38 38	48 20	42 88	6 22
Lloyd.....	67	1,500 00	7,257 36	4,488 54	2,768 82	641 11	200 00	432 11	274 03	233 21	40 81	435 91	169 50	267 41
Marbletown.....	123	1,250 00	6,946 94	6,139 44	807 50	439 91	301 53	138 38	164 53	44 02	119 91	1,374 49	1,007 91	366 58
Marlborough.....	70	1,750 00	9,161 60	7,967 49	1,194 11	2,204 13	2,142 92	61 21	700 00	648 80	51 11	147 46	317 25	161 96
New Paltz.....	66	1,650 00	7,009 97	5,778 58	1,231 39	1,807 75	1,197 92	609 83	250 00	228 65	23 44	327 76	317 25	10 51
Olive.....	115	1,960 00	5,703 08	4,726 09	976 99	1,062 93	860 01	192 92	129 98	87 57	42 41	276 12	154 20	6 43
Plattekill.....	83	1,750 00	4,900 00	3,911 32	988 68	300 00	266 19	33 81	627 55	627 55	.....	250 00	269 70	81 30
Rochester.....	142	2,400 00	7,613 50	6,823 48	790 02	603 80	588 90	14 90	175 54	151 12	24 42	876 11	847 23	38 88
Rosendale.....	50	1,000 00	5,103 98	4,289 53	814 45	1,423 90	1,195 43	227 47	125 00	115 47	9 53	213 25	176 88	36 37
Saugerties.....	161	4,025 00	18,964 57	18,924 21	30 36	7,132 01	6,956 46	136 55	521 62	511 43	10 19	1,331 22	1,290 73	40 49
Shandaken.....	85	2,125 00	8,214 22	7,709 72	504 50	1,631 99	1,506 07	35 92	471 91	364 39	107 52	703 03	552 24	150 79
Shawangunk.....	121	3,025 00	8,162 63	7,673 28	489 35	4,006 82	4,006 82	.....	453 08	410 64	42 44	945 49	785 58	159 91
Ulster.....	60	1,500 00	5,065 57	4,444 63	620 94	812 84	773 48	39 36	149 41	69 95	79 46	440 47	168 23	272 24
Wawarsing.....	207	5,175 00	16,441 95	15,739 14	702 81	2,708 76	2,144 72	564 07	520 67	467 39	53 28	984 96	969 81	85 15
Woodstock.....	104	2,340 00	7,434 89	4,406 65	3,028 24	1,068 49	829 07	239 42	356 41	296 32	60 09	820 37	653 58	166 79
Total.....	1,848	\$39,325 00	\$148,289 78	\$124,815 58	\$23,474 20	\$31,581 73	\$27,280 75	\$4,300 98	\$6,563 10	\$5,424 36	\$1,138 74	\$11,260 99	\$8,589 78	\$3,608 20
														\$1,642 70

WARREN COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and nu- cleous cellulose fund	Total ex- penditures for snow and nu- cleous cellulose fund	Balance in snow and nu- cleous cellulose fund
Bolton	85	\$2,125 00	\$0,338 44	\$5,037 81	\$3,300 63	\$522 74	\$522 74	\$199 50	\$318 02	\$318 02	\$40 81	\$1,647 31	\$1,646 30	\$1 01
Chilwell	48	2,800 00	3,669 65	2,560 85	1,106 80	218 02	218 02	199 50	303 93	303 93	\$40 81	2,602 17	2,486 00	116 08
Chesler	129	2,000 00	4,001 34	3,400 25	601 09	308 40	758 45	146 75	201 42	153 96	\$7 43	2,615 00	2,486 00	215 50
Flag	51	1,975 00	3,138 23	3,439 19	697 04	176 89	308 00	186 89	338 62	274 73	\$7 43	2,783 08	2,700 00	215 50
Forecon	158	3,000 00	3,062 84	2,870 08	1,222 76	177 86	359 00	159 00	329 62	274 73	\$7 43	3,000 00	2,700 00	215 50
Johnsburg	174	3,000 00	10,383 91	9,309 85	1,073 76	4,098 30	2,210 21	2,458 09	475 74	381 89	\$3 85	3,875 08	3,483 49	390 50
Laurens	14	3,000 00	4,623 78	1,893 38	2,730 40	430 00	406 08	43 92	428 11	42 61	\$7 43	3,750 02	3,750 01	1 15
Queensbury	147	3,000 00	10,212 41	9,581 27	661 14	1,003 08	1,000 70	212 38	3,439 63	400 12	\$7 43	1,850 76	1,848 87	1 89
Stony Creek	70	1,750 00	9,278 57	9,106 42	172 15	406 36	190 80	215 56	3,439 63	3,383 06	\$6 57	2,328 57	2,123 31	3 26
Thurman	79	1,500 00	3,507 89	2,853 98	733 91	1,140 80	307 84	742 96	400 00	304 84	\$6 57	2,538 41	2,538 41	0 00
Warrensburgh	70	1,000 00	3,272 69	2,700 93	571 76	626 42	538 31	68 11	220 18	171 73	\$6 57	1,458 23	1,090 37	367 86
Total	1,010	\$20,160 00	\$65,537 45	\$63,704 01	\$11,833 44	\$10,536 94	\$6,517 12	\$4,019 72	\$6,086 11	\$5,539 10	\$547 01	\$19,128 48	\$17,990 74	\$1,137 74

WASHINGTON COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Argyle.....	128	\$2,160 00	\$6,351 08	\$6,186 50	\$164 58	\$166 54	\$166 54	\$430 75	\$738 40	\$697 98	\$40 42	\$1,859 30	\$1,717 90	\$141 40
Cambridge.....	94	1,229 45	3,624 66	3,374 97	249 69	59 69	59 69	433 29	141 37	114 55	26 72	606 00	592 00	17 80
Dresden.....	55	1,375 00	3,173 91	3,773 91	.....	287 55	287 55	195 65	136 19	21 60	114 59	573 40	563 40	10 00
Easton.....	119	2,975 00	8,577 85	7,236 63	1,341 22	1,739 14	1,739 14	1,142 36	732 81	312 02	420 79	2,314 39	2,240 39	74 00
Fort Ann.....	119	2,975 00	7,122 10	6,227 80	894 30	1,386 04	1,386 04	222 07	600 00	382 15	217 85	1,088 96	925 66	163 30
Fort Edward.....	56	1,400 00	6,785 99	4,940 38	845 61	1,302 60	1,302 60	4,748 31	338 14	79 49	258 65	1,598 76	1,598 76	.....
Greenville.....	111	2,775 00	9,023 84	6,365 90	2,657 94	573 81	573 81	1,023 74	878 54	73 27	147 27	517 70	465 49	52 21
Greenwich.....	115	1,750 00	5,408 49	4,782 86	625 63	1,316 93	1,316 93	1,849 28	130 84	130 34	50	765 28	694 51	77 77
Hampton.....	38	410 50	1,888 79	1,678 83	210 16	4,517 23	4,517 23	123 21	100 00	36 17	63 83	223 07	68 48	154 59
Hartford.....	97	2,425 00	5,463 52	2,528 96	2,936 56	388 88	388 88	122 21	397 68	191 98	39 70	845 49	810 24	34 25
Hebron.....	122	1,890 00	4,566 11	4,064 00	601 51	290 59	290 59	139 22	231 68	43 24	86 91	230 76	227 76	3 00
Jackson.....	88	1,600 00	3,819 96	2,858 61	961 35	887 02	887 02	.....	130 15	43 24	86 91	230 76	227 76	3 00
Kingsbury.....	76	1,900 00	6,483 75	5,290 66	1,193 09	450 11	450 11	.....	438 28	438 28	24 49	909 43	818 29	91 14
Putnam.....	47	1,175 00	3,557 38	2,466 41	1,090 97	158 34	158 34	64 76	259 90	124 78	25 22	323 50	286 50	37 00
Salem.....	112	1,844 31	5,259 23	4,769 81	489 42	895 26	895 26	144 09	150 00	124 78	314 75	621 27	590 45	22 82
White Creek.....	83	2,000 00	4,557 01	3,269 64	1,287 37	790 03	790 03	776 63	438 74	123 99	391 15	720 15	690 93	29 22
Whitehall.....	73	1,825 00	4,484 41	4,329 95	154 46	479 37	479 37	473 47	432 44	41 29	391 15	720 15	690 93	29 22
Total.....	1,533	\$31,709 26	\$89,350 08	\$73,546 22	\$15,803 86	\$27,392 29	\$15,484 04	\$11,908 25	\$6,275 12	\$4,102 28	\$2,173 84	\$14,778 75	\$13,653 26	\$1,055 82

WAYNE COUNTY

TOWNS	Number of miles of high-ways	State aid received	Total available for high-way fund	Total expenditures for high-way fund	Balance in high-way fund	Total available for bridge fund	Total expenditures for bridge fund	Balance in bridge fund	Total available for machinery fund	Total expenditures for machinery fund	Balance in machinery fund	Total available for snow and miscellaneous fund	Total expenditures for snow and miscellaneous fund	Total expenditures for snow and miscellaneous fund	Balance in snow and miscellaneous fund
Arcadia.....	136	\$3,400 00	\$12,838 71	\$12,086 83	\$771 88	\$8,147 55	\$50 02	\$8,097 53	\$510 27	\$510 27	\$106 87	\$1,932 01	\$1,781 11	\$1,837 49	\$94 52
Butler.....	89	2,223 00	12,122 61	6,316 96	5,805 65	808 73	655 78	132 95	539 19	433 32	\$106 87	1,411 09	1,411 09	1,411 09	11 72
Calen.....	131	3,475 00	14,738 47	14,673 04	65 43	2,382 31	2,375 98	6 33	642 89	463 77	779 12	1,537 32	1,433 45	1,525 80	200 00
Elron.....	80	2,000 00	7,947 04	4,332 35	3,614 69	1,166 62	1,045 61	120 99	800 00	324 46	775 54	1,071 96	871 96	1,071 96	48 96
Lyons.....	91	2,275 00	7,249 13	6,887 02	362 17	530 18	461 77	86 41	1,012 43	629 15	383 33	1,068 77	783 20	1,036 81	645 11
Macedon.....	80	2,284 71	8,970 18	8,306 33	663 85	936 82	805 62	131 20	777 42	599 29	178 13	1,062 71	464 90	517 60	535 01
Marion.....	70	1,750 00	8,678 61	5,124 11	3,554 50	583 43	370 95	131 48	606 09	273 44	335 65	535 01	535 01	535 01	160 91
Ontario.....	60	1,988 28	9,334 40	9,292 51	41 89	1,009 68	476 70	532 98	769 08	370 58	394 50	2,333 82	394 43	2,333 82	1,677 93
Palmira.....	80	2,342 38	12,412 50	7,000 62	5,351 88	2,434 79	2,109 39	325 38	837 46	337 58	140 08	1,060 78	865 20	1,001 07	89 71
Rose.....	71	1,775 00	5,379 37	4,745 50	633 87	309 84	141 64	168 20	327 36	433 52	235 27	1,309 77	1,249 39	1,249 39	47 38
Seymour.....	74	1,850 00	5,567 49	5,496 73	70 76	575 17	365 25	209 92	673 79	433 52	147 72	2,469 69	2,073 52	2,461 22	8 47
Sodus.....	132	3,900 00	20,191 81	17,174 82	2,309 77	7,292 57	5,413 16	1,879 41	700 00	562 28	200 00	588 75	462 78	471 01	117 74
Walworth.....	71	1,775 00	9,723 29	7,413 52	2,309 77	549 09	215 99	308 10	690 63	330 63	200 00	1,232 35	732 35	1,232 35	144 07
Williamson.....	71	2,665 99	8,871 99	8,871 99	.....	847 51	553 56	293 95	2,222 61	1,904 27	318 34	1,311 46	1,167 39	1,167 39	83,146 52
Wobeser.....	92	2,300 00	6,808 78	4,901 44	1,907 34	2,909 97	1,468 28	1,441 69	808 85	788 96	19 90	.....	.....	.....	.....
Total.....	1,348	\$35,706 36	\$151,074 44	\$122,883 77	\$28,190 67	\$30,458 24	\$16,509 72	\$13,048 52	\$11,671 12	\$8,835 29	\$2,835 83	\$19,684 54	\$15,028 20	\$16,498 02	83,146 52

WESTCHESTER COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- ture for ma- chinery fund	Balance in machinery fund	Total available for mis- cellaneous fund	Total ex- penditures for mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Bedford	103	\$10,197.87	\$55,544.63	\$30,655.56	\$24,859.07	\$3,205.76	\$1,533.73	\$1,372.04	\$980.00	\$943.12	\$45.88	\$1,458.23	\$905.31	\$455.61
Cortlandt	88	6,500.00	43,050.94	28,951.21	14,108.73	973.87	1,689.40	384.47	968.16	918.06	50.10	822.33	374.96	394.83
East Chester	14	4,208.73	24,835.66	19,192.56	5,666.16	454.72	242.00	212.71	527.98	494.98	31.00	2,768.36	2,700.56	67.80
Greenburgh	58	8,537.18	73,464.03	29,501.77	43,962.26	5,107.68	4,482.33	625.35	1,275.00	1,263.85	12.15	2,715.07	1,446.37	1,268.70
Harrison	73	9,638.21	50,904.48	33,067.37	17,837.11	1,296.81	29.98	1,266.84	300.00	273.05	26.95	1,567.20	1,081.13	486.07
Lewisboro	65	1,000.00	5,959.96	3,153.90	2,807.09	884.60	116.72	767.87	79.91	148.00	62.91	1,633.02	214.87	1,418.15
Mamaroneck	9	3,368.88	37,896.26	11,372.41	26,523.85	305.48	7,373.76	305.48	204.55	148.00	56.55	1,501.04	548.30	952.74
Mt. Pleasant	66	6,000.00	35,783.38	21,377.86	14,405.52	7,673.46	1,196.77	399.70	151.26	100.06	51.20	960.54	477.39	483.15
New Castle	62	4,250.00	21,016.09	9,676.86	11,339.23	3,006.82	1,196.77	1,890.05	561.80	109.21	452.59	923.27	120.97	342.75
North Salem	55	2,000.00	10,274.81	10,205.17	11,059.32	743.64	628.35	214.59	179.67	127.37	52.30	547.37	231.38	315.99
Ossining	52	800.00	6,055.49	4,871.08	1,164.41	3,870.80	372.05	3,507.75	117.76	89.50	28.26	458.64	270.70	187.94
Poundridge	13	1,413.11	25,426.72	11,014.27	14,412.45	2,871.42	1,994.65	876.77	409.27	294.60	113.41	627.73	348.60	279.13
Poundridge	51	1,080.00	4,049.34	3,571.46	4,477.88	338.53	1,142.32	196.31	126.33	12.92	113.41	261.25	116.01	145.24
Rye	11	1,916.40	25,426.32	15,436.65	9,983.67	248.66	12.90	235.76	306.92	100.07	206.85	186.78	182.06	204.72
Somers	57	1,500.00	8,828.22	6,146.65	2,681.57	818.41	157.62	660.80	223.70	11.08	212.62	808.39	542.90	265.49
Yorktown	90	2,396.61	12,201.76	11,352.83	848.93	2,195.83	2,195.00	600.83	726.58	708.07	18.51	1,425.49	517.29	488.20
Total	868	\$64,896.79	\$440,724.12	\$249,766.36	\$190,957.76	\$54,004.88	\$21,197.44	\$12,807.44	\$7,147.80	\$5,614.54	\$1,533.35	\$18,397.91	\$8,215.00	\$4,800.79

WYOMING COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- penditures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and ma- cellaneous fund	Total ex- penditures for snow and ma- cellaneous fund	Balance in snow and ma- cellaneous fund
Arcade	66	\$1,650 00	\$7,150 81	\$9,838 32	\$312 49	\$2,814 95	\$998 10	\$1,816 85	\$251 88	\$251 88	\$105 05	\$704 77	\$545 93	\$248 84
Attica	64	1,600 00	6,794 13	8,566 02	238 11	2,177 80	882 90	1,294 90	327 67	327 67	190 01	804 52	640 73	143 79
Bennington	69	1,720 00	6,844 03	8,564 20	247 83	2,449 78	892 24	1,556 54	387 15	387 15	99 01	1,368 91	1,210 13	158 78
Caselle	73	1,775 00	12,234 78	13,989 84	2,473 51	5,536 84	318 08	210 90	644 08	588 63	55 46	506 80	579 49	83 87
Covington	34	1,450 00	6,241 08	6,801 24	1,339 84	931 55	84 15	84 15	175 08	108 67	68 33	114 25	113 91	32 84
Eagle	36	1,400 00	6,864 94	8,514 77	1,749 87	1,990 71	1,272 41	601 30	1,553 69	1,304 61	249 08	1,365 75	1,035 11	170 35
Gainesville	93	1,375 00	7,323 60	10,432 34	1,668 97	1,296 38	508 30	243 08	1,070 87	938 75	74 55	1,868 46	1,838 55	7 98
Genesee Falls	53	1,975 00	7,315 62	9,438 77	977 15	1,938 83	49 87	541 68	1,016 30	959 81	116 00	1,194 67	1,030 84	163 83
Java	79	1,975 00	13,154 56	13,735 39	2,173 25	3,120 93	3,083 26	57 69	1,146 47	870 91	216 56	2,011 50	1,513 11	498 39
Middlebury	80	2,000 00	7,748 48	3,975 23	1,822 20	1,656 04	1,883 13	35 31	240 00	330 66	10 79	2,963 28	2,982 40	2 77
Orangeville	97	1,800 00	4,789 41	5,967 21	1,822 20	1,656 04	1,883 13	35 31	240 00	330 66	10 79	2,963 28	2,982 40	2 77
Perry	76	1,800 00	4,789 41	5,967 21	1,822 20	1,656 04	1,883 13	35 31	240 00	330 66	10 79	2,963 28	2,982 40	2 77
Platte	82	1,800 00	4,789 41	5,967 21	1,822 20	1,656 04	1,883 13	35 31	240 00	330 66	10 79	2,963 28	2,982 40	2 77
Sharon	81	1,750 00	3,243 82	3,243 82	445 62	1,047 91	326 47	653 24	513 89	143 28	180 45	1,368 94	1,368 94	4 06
Wrenaw	62	1,750 00	4,921 68	4,921 68	68 89	2,288 43	1,643 68	645 54	522 47	238 83	283 74	851 29	447 08	358 16
Wheatfield	61	1,325 00	10,494 26	10,187 46	306 78	909 44	1,581 10	18 54	635 04	597 35	317 68	319 42	271 24	48 18
Total	1,076	\$25,275 00	\$126,630 38	\$113,667 79	\$12,963 59	\$23,935 45	\$16,201 94	\$6,733 51	\$9,991 91	\$7,968 65	\$3,028 26	\$15,248 84	\$5,440 72	\$12,922 36
														\$3,394 48

YATES COUNTY

TOWNS	Num- ber of miles of high- ways	State aid received	Total available for high- way fund	Total ex- penditures for high- way fund	Balance in highway fund	Total available for bridge fund	Total ex- penditures for bridge fund	Balance in bridge fund	Total available for ma- chinery fund	Total ex- pendi- tures for ma- chinery fund	Balance in ma- chinery fund	Total available for snow and mis- cellaneous fund	Total expendi- tures for snow	Total ex- penditures for snow and mis- cellaneous fund	Balance in snow and mis- cellaneous fund
Barrington.....	85	\$1,600 00	\$8,076 60	\$4,522 31	\$3,554 29	\$939 45	\$100 64	\$838 81	\$101 20	\$90 30	\$10 90	\$422 24	\$221 95	\$271 95	\$150 29
Benton.....	92	2,150 00	6,592 75	5,458 76	1,133 99	332 43	32 83	299 60	399 03	399 03	.....	833 41	671 74	833 41	.....
Italy.....	80	2,000 00	8,013 74	6,678 27	1,335 47	2,018 80	217 63	1,801 17	929 20	864 14	65 06	648 99	137 66	332 41	316 58
Jerusalem.....	150	2,500 00	8,409 77	7,896 96	512 79	945 40	625 10	320 30	833 57	506 82	326 75	812 77	75 85	660 85	151 92
Middlesex.....	69	1,500 00	4,353 32	3,622 89	730 43	209 00	117 89	82 11	545 89	545 89	.....	357 29	323 97	351 07	5 32
Milo.....	83	2,050 00	16,526 00	14,038 07	2,487 93	2,121 80	1,860 30	261 50	708 23	692 38	15 85	1,069 45	601 08	883 80	175 65
Potter.....	79	1,080 00	4,800 32	4,367 76	432 56	377 70	1 13	276 57	320 97	46 08	184 89	515 28	515 28	515 28	.....
Slackey.....	81	1,800 00	9,745 45	4,834 28	4,911 17	1,197 06	435 43	761 63	738 00	298 62	437 38	243 29	201 74	201 74	41 55
Torrey.....	50	1,250 00	5,541 24	2,781 76	2,759 48	771 38	49 92	721 44	1,000 77	828 05	174 73	896 85	347 71	347 71	549 14
Total.....	762	\$15,930 00	\$72,059 19	\$54,201 08	\$17,858 11	\$8,804 00	\$3,440 87	\$5,353 13	\$5,484 86	\$4,260 31	\$1,215 55	\$5,800 57	\$3,086 88	\$4,419 12	\$1,390 45

REPORT OF THE BUREAU OF AUDIT AND FINANCE FOR THE YEAR ENDING DECEMBER 31, 1918

Hon. EDWIN DUFFEY, *Commissioner*:

I submit herewith the financial report of this Department for the year ending December 31, 1918. Separate schedules are shown of disbursements under each appropriation available to the Department during the year.

The activities of the Department are always very clearly indicated by the Department's expenditures, as the Department is primarily a disbursing unit. A review of the schedules and a comparison of them with other years indicate clearly that at no time since the Department's organization in 1909 has its activities reached a lower point. This, of course, is due to the war conditions and general disorganization of the country, making construction impossible and the necessity of reducing overhead charges imperative.

Payments to contractors on account of outstanding contracts amount to only \$1,397,583.23, and disbursements on account of the completion of canceled contracts by the Department's forces amount to \$1,013,029.64, making a total payment for construction of \$2,410,612.87, which is approximately only one-half of the expenditures for these purposes in 1917. As against this is shown salaries for the year, \$291,696.57, and traveling expense, \$35,496.25, as compared with \$774,793.39 and \$86,347.36 for the same purposes in 1917, so that overhead charges would seem to have been reduced in proportion to construction and to the limit of safety, without destroying the nucleus of the organization.

The expenditures for maintenance and repair of improved highways during the year total \$4,743,808.05 and are about the same as for the year 1917, and have consisted of the very large part of the work of the Department this year, as no very appreciable mileage has been added to the roads to be maintained on account of the completion of existing construction contracts during the year.

Disbursements of the Department for all purposes covered by this report, during the year, total \$8,824,233.39, which is approximately \$3,000,000.00 under the total disbursements in 1917, and only about 40 per cent. of the Department's disbursements when normal conditions prevail.

There remains \$15,000,000.00 unappropriated of the second \$50,000,000.00 bond issue and there are outstanding obligations, represented by contracts in force or cancelled, of approximately \$10,000,000.00, which represent the unexpended balance of appropriations made from the second \$50,000,000.00 bond issue at this date.

Respectfully submitted,

S. D. GILBERT,
Auditor.

Schedules of payments for salaries, traveling expenses and office expenses in the administrative offices, year ending December 31, 1918.

General Fund

1918	Salaries, regular	Salaries, chapter 556, Laws of 1918	Traveling expenses	Office expenses and merchandise bills
January	\$10,594 40		\$809 70	\$2,407 62
February	10,603 58		439 37	2,282 18
March	10,670 77		1,485 48	2,459 62
April	11,029 27		1,684 99	4,618 01
May	10,886 52		1,628 78	3,454 23
June	11,061 26		4,008 08	6,412 71
July	11,485 78	\$159 25	2,421 29	1,821 41
August	11,436 20	140 40	2,619 48	2,015 89
September	11,506 02	170 91	2,059 93	2,225 15
October	10,814 65	123 33	3,196 52	1,627 59
November	11,519 58	150 85	1,945 10	2,313 76
December	11,290 75	132 85	1,017 43	1,652 94
	<hr/>	<hr/>	<hr/>	<hr/>
	\$132,898 78	\$877 59	\$23,316 15	\$33,291 11
	<hr/>	<hr/>	<hr/>	<hr/>

Summary

Salaries	\$133,776 37
Traveling expenses	23,316 15
Office expenses and merchandise bills	33,291 11
	<hr/>
Total	\$190,383 63
	<hr/>

Schedule of payments for salaries, traveling expenses and office expenses in the Bureau of Town Highways, year ending December 31, 1918.

<i>General Fund</i>				
1918	Salaries, regular	Salaries, chapter 556, Laws of 1918	Traveling expenses	Office expenses and merchan- dise bills
January	\$2,776 09		\$793 41	\$262 86
February	2,776 09		753 93	79 41
March	2,776 09		937 54	
April	2,776 09		890 77	5 13
May	2,902 82		811 00	531 27
June	2,902 01		933 64	5 13
July	2,892 73	\$13 07	900 30	
August	2,821 76	10 00	983 72	
September	2,821 76	10 00	707 11	200 16
October	2,821 76	10 00	758 75	127 35
November	2,821 76	10 00	718 12	55 00
December	2,821 76	10 00	788 49	76 37
	<u>\$33,910 72</u>	<u>\$63 07</u>	<u>\$9,976 78</u>	<u>\$1,342 68</u>

Summary

Salaries	\$33,973 79
Traveling expenses	9,976 78
Office expenses and merchandise bills	1,342 68
Total	<u><u>\$45,293 25</u></u>

Schedule of payments for salaries and office expenses in the Bureau of Maintenance and Repair, year ending December 31, 1918.

<i>General Fund</i>			
1918	Salaries, regular	Salaries, chapter 556, Laws of 1918	Office expenses and merchan- dise bills
January	\$2,177 99		\$155 23
February	2,234 54		136 14
March	2,173 99		241 09
April	2,167 32		17 11
May	2,177 99		225 64
June	2,095 11		3 15
July	2,287 99	\$80 43	
August	2,232 95	70 00	30 93
September	2,263 99	93 56	207 52
October	2,159 99	82 00	17 08
November	2,159 99	82 00	144 37
December	2,059 99	72 00	17 82
	<u>\$26,191 84</u>	<u>\$479 99</u>	<u>\$1,196 08</u>

Summary

Salaries	\$26,671 83
Office expenses and merchandise bills.....	1,196 08
Total	\$27,867 91

Schedule of payments for salaries and traveling expenses for each of the nine divisions; also the office of the First Deputy, year ending December 31, 1918.

HIGHWAY IMPROVEMENT FUND AND GENERAL FUND

Division No. 1

1918	Salaries, regular	Salaries, chapter 556, Laws of 1918	Traveling expenses	Total
January	\$4,236 29		\$615 49	\$4,861 78
February	3,013 94		71 74	3,085 68
March	2,607 06		306 48	2,913 54
April	4,383 00		673 58	5,056 58
May	4,427 34		661 25	5,088 59
June	4,217 57		870 17	5,087 74
July	4,216 48	\$82 61	782 51	5,081 60
August	4,988 47	88 56	1,448 79	6,525 82
September	4,138 32	162 11	624 73	4,925 16
October	4,140 48	95 90	724 44	4,960 82
November	4,738 77	87 00	863 22	5,688 99
December	4,520 65	87 00	470 09	5,077 74
	\$49,628 37	\$603 18	\$8,112 49	\$58,344 04

Division No. 2

January	\$3,164 07		\$59 64	\$3,223 71
February	2,701 14		26 03	2,727 17
March	2,040 88		17 95	2,058 83
April	2,090 80		151 57	2,242 37
May	1,768 20		324 73	2,092 93
June	2,000 44		371 45	2,371 89
July	1,901 50	\$98 52	362 07	2,362 09
August	2,122 85	98 52	417 90	2,639 27
September	2,272 23	83 52	212 56	2,568 31
October	2,064 77	90 52	477 76	2,633 05
November	2,210 93	89 80	243 75	2,544 48
December	2,157 45	95 07	52 54	2,305 06
	\$26,495 26	\$555 95	\$2,717 95	\$29,769 16

Division No. 3

1918	Salaries, regular	Salaries, chapter 556, Laws of 1918	Traveling expenses	Total
January	\$613 36		\$60 09	\$673 45
February	619 17		14 89	634 06
March	576 64		13 25	589 89
April	950 75		144 34	1,095 09
May	2,061 79		359 54	2,421 33
June	1,542 21		269 93	1,812 14
July	1,537 97	\$33 00	357 93	1,928 90
August	1,735 25	46 13	348 57	2,129 95
September	1,525 34	39 10	478 41	2,042 85
October	1,314 13	31 00	350 24	1,695 37
November	1,414 37	21 80	111 35	1,547 52
December	1,030 64	21 58	30 65	1,082 87
	<u>\$14,921 62</u>	<u>\$192 61</u>	<u>\$2,539 19</u>	<u>\$17,653 42</u>

Division No. 4

January	\$2,410 21		\$131 63	\$2,541 84
February	2,413 85		10 30	2,424 15
March	2,016 45		39 08	2,055 53
April	2,000 20		252 51	2,252 71
May	3,470 81		447 69	3,918 50
June	2,164 33		377 16	2,541 49
July	2,219 55	\$24 50	455 90	2,699 95
August	2,303 90	24 50	360 93	2,689 33
September	1,768 06	14 50	372 77	2,155 33
October	2,249 35	34 50	599 81	2,883 66
November	2,112 41	24 50	136 96	2,273 87
December	3,268 16	29 02	305 15	3,602 33
	<u>\$28,397 26</u>	<u>\$151 52</u>	<u>\$3,489 89</u>	<u>\$32,038 69</u>

Division No. 5

January	\$1,886 25		\$63 39	\$1,949 64
February	1,264 50		22 75	1,287 25
March	805 00		59 03	864 03
April	1,117 40		115 29	1,232 69
May	1,738 18		98 18	1,836 36
June	1,141 66		144 95	1,286 61
July	1,695 00	\$71 93	103 31	1,870 24
August	943 87	66 28	130 79	1,140 94
September	1,086 53	70 06	178 06	1,334 68
October	715 57	64 93	76 24	856 74
November	1,155 93	64 93	340 70	1,561 56
December	1,180 00	64 93	9 41	1,254 34
	<u>\$14,729 89</u>	<u>\$403 06</u>	<u>\$1,342 13</u>	<u>\$16,475 08</u>

ANNUAL REPORT OF THE

Division No. 6

1918	Salaries, regular	Salaries, chapter 556, Laws of 1918	Traveling expenses	Total
January	\$1,390 90	.....	\$50 82	\$1,441 72
February	1,788 82	.....	11 27	1,800 09
March	2,172 93	.....	37 81	2,210 74
April	1,748 16	.....	163 47	1,911 63
May	1,884 34	.....	191 97	2,076 31
June	2,265 25	.....	556 12	2,821 37
July	2,080 48	\$58 61	423 81	2,562 90
August	2,168 36	73 03	253 70	2,495 09
September	1,957 78	64 93	552 08	2,574 79
October	1,685 40	59 96	216 36	1,961 81
November	1,876 23	57 93	266 04	2,200 20
December	1,763 04	57 93	24 41	1,845 38
	<u>\$22,781 78</u>	<u>\$372 39</u>	<u>\$2,747 86</u>	<u>\$25,902 03</u>

Division No. 7

January	\$652 29	.....	\$45 63	\$697 92
February	856 50	.....	22 75	879 25
March	696 32	.....	39 48	736 80
April	527 50	.....	72 05	599 55
May	569 93	.....	117 91	687 84
June	603 67	.....	133 50	737 17
July	787 22	\$93 40	220 50	1,101 12
August	1,104 58	74 20	245 08	1,423 86
September	936 09	74 20	181 33	1,191 62
October	850 22	53 20	391 42	1,294 84
November	705 33	53 20	157 43	916 96
December	1,229 25	53 20	410 63	1,693 08
	<u>\$9,518 90</u>	<u>\$401 40</u>	<u>\$2,037 71</u>	<u>\$11,958 01</u>

Division No. 8

January	\$1,738 97	.....	\$58 10	\$1,797 07
February	1,909 50	.....	85 30	1,994 80
March	1,615 96	.....	231 23	1,847 19
April	1,827 69	.....	176 15	2,003 84
May	1,960 78	.....	296 89	2,257 67
June	2,127 34	.....	245 64	2,372 98
July	1,904 85	\$55 10	366 22	2,326 17
August	1,592 71	44 05	302 90	1,939 66
September	1,534 85	37 60	162 78	1,735 23
October	1,385 48	37 60	149 87	1,572 95
November	1,385 67	37 60	177 03	1,600 30
December	1,678 48	37 60	125 43	1,841 51
	<u>\$20,662 28</u>	<u>\$249 55</u>	<u>\$2,377 54</u>	<u>\$23,289 37</u>

Division No. 9

1918	Salaries, regular	Salaries, chapter 556, Laws of 1918	Traveling expenses	Total
January	\$2,159 42		\$28 48	\$2,187 90
February	1,704 00		124 93	1,918 93
March	1,528 00		43 36	1,571 36
April	1,743 33		167 26	1,910 59
May	2,114 73		214 19	2,328 92
June	1,882 60		170 36	2,052 96
July	2,191 52	\$26 33	326 83	2,544 68
August	2,001 00	26 33	406 83	2,434 16
September	1,809 50	26 33	228 01	2,063 84
October	1,859 65	26 33	622 34	2,508 32
November	2,060 50	26 33	199 91	2,286 74
December	2,594 19	31 49	141 88	2,767 56
	<u>\$23,738 44</u>	<u>\$163 14</u>	<u>\$2,674 38</u>	<u>\$26,575 96</u>

First Deputy

January	\$7,020 19		\$217 08	\$7,237 27
February	6,241 62		172 21	6,413 83
March	5,800 46		150 09	5,750 55
April	5,641 82		475 59	6,117 41
May	6,643 98		826 16	7,470 14
June	6,729 62		812 86	7,542 47
July	6,655 08	\$124 23	831 92	7,611 23
August	6,717 92	126 01	1,142 60	7,986 53
September	6,806 94	87 71	822 68	7,777 33
October	6,482 89	104 50	839 35	7,426 74
November	6,266 32	83 50	649 04	6,998 86
December	6,257 50	89 66	517 54	6,864 70
	<u>\$77,124 34</u>	<u>\$615 61</u>	<u>\$7,457 11</u>	<u>\$85,197 06</u>

Summary

Division No. 1....	\$49,628 37	\$603 18	\$8,112 49	\$58,344 04
Division No. 2....	26,495 26	555 95	2,717 95	29,769 16
Division No. 3....	14,921 62	192 61	2,539 19	17,653 42
Division No. 4....	28,397 28	151 52	3,489 89	32,038 69
Division No. 5....	14,729 89	403 06	1,342 13	16,475 08
Division No. 6....	22,781 78	372 39	2,747 86	25,902 03
Division No. 7....	9,518 90	401 40	2,037 71	11,958 01
Division No. 8....	20,662 28	249 55	2,377 54	23,289 37
Division No. 9....	23,738 44	163 14	2,674 38	26,575 96
First Deputy	77,124 34	615 61	7,457 11	85,197 06
	<u>\$287,998 16</u>	<u>\$3,708 41</u>	<u>\$35,496 25</u>	<u>\$327,202 82</u>

Analysis of Summary

Expended from Highway Improvement Fund.....	\$323,404 41
Expended from General Fund, chapter 556, Laws of 1918.....	3,708 41
	<hr/>
	\$327,202 82
	<hr/>

Schedule of expenditures for rents, printing, merchandise bills and supplies, year ending December 31, 1918.

Highway Improvement Fund

1918	Amount
January	\$15,997 33
February	1,789 37
March	2,166 59
April	5,816 38
May	1,993 24
June	1,874 50
July	809 17
August	923 63
September	1,364 23
October	1,306 32
November	1,299 95
December	761 20
	<hr/>
Total	\$36,101 91

Schedule of payments to contractors for construction work under contract during year ending December 31, 1918.

Highway Improvement Fund

1918	State funds	County funds	Village funds	Total
January	\$32,620 51	\$31,539 44	\$5,917 28	\$70,077 23
February	46,630 70	16,403 07	12,852 10	75,885 87
March	60,384 08	28,539 19	3,010 10	91,933 37
April	58,793 34	18,569 86	8,832 04	86,195 24
May	67,767 13	26,857 50	11,318 99	105,943 62
June	99,748 67	43,330 86	9,633 50	152,713 03
July	172,289 79	73,068 42	8,050 59	253,408 80
August	111,410 86	38,565 13	4,655 97	154,640 96
September	107,592 24	36,907 61	1,772 67	146,272 52
October	98,151 00	42,545 10	2,129 64	142,825 74
November	52,345 28	16,633 87	956 79	69,935 94
December	28,362 05	9,909 97	9,468 89	47,750 91
	<hr/>	<hr/>	<hr/>	<hr/>
	\$936,094 65	\$382,870 02	\$78,618 56	\$1,397,583 23
	<hr/>	<hr/>	<hr/>	<hr/>

Schedule of payments on account of work done and material furnished in completing abrogated contracts by department forces, year ending December 31, 1918.

Highway Improvement Fund

1918	State funds	County funds	Village funds	Total
January	\$21,924 91	\$7,513 56	\$1,874 33	\$31,312 80
February	21,392 67	4,494 55	.....	25,887 22
March	12,598 73	3,960 00	45 00	16,603 73
April	28,126 64	8,698 89	.....	36,825 53
May	74,864 59	16,172 93	.....	91,037 52
June	90,395 57	16,556 59	.....	106,952 16
July	68,454 26	18,227 00	325 85	87,007 11
August	80,229 59	13,765 05	.....	93,994 64
September	89,415 42	16,243 28	7,613 52	113,272 22
October	101,714 11	12,772 32	19,009 91	133,496 34
November	122,128 34	24,378 21	7,626 65	154,133 20
December	100,133 31	21,261 77	1,112 09	122,507 17
	<u>\$811,378 14</u>	<u>\$164,044 15</u>	<u>\$37,607 35</u>	<u>\$1,013,029 64</u>

Schedule of payments for advertising of proposals for construction of roads, also hearings on grade crossings, year ending December 31, 1918.

Highway Improvement Fund

1918	Amount
January	\$642 11
October	1,184 86
November	19 00
Total	<u>\$1,845 97</u>

Schedule of payments for right of way, year ending December 31, 1918, exclusive of grade crossings.

Highway Improvement Fund

1918	Amount
January	\$16 81
February	79 00
June	12 35
July	10 00
August	11 00

	1918	Amount
October		\$125 00
November		1 80
December		2 00
Total		<u>\$257 96</u>

Schedule of payments for grade crossing eliminations, year ending December 31, 1918.

<i>Highway Improvement Fund</i>		
	1918	Amount
February		\$3,655 88
April		277 70
May		725 00
August		417 86
Total		<u>\$5,076 44</u>

Schedule of the total expenditures of State and county funds for the maintenance and repair of improved highways, including material furnished and work performed, also by patrol system, year ending December 31, 1918.

<i>General Fund</i>		
	1918	
	Paid by check	Paid by county draft
January	\$46,873 26	\$89,147 47
February	19,861 10	33,694 95
March	19,002 42	29,416 37
April	8,396 03	131,376 74
May		374,008 80
June		590,983 53
July		676,244 96
August	10,524 08	808,281 48
September	12,564 45	627,147 85
October	61,332 41	442,748 32
November	103,885 97	191,770 25
December	232,743 32	233,804 28
	<u>\$515,183 04</u>	<u>\$4,228,625 00</u>

Summary

Paid by check	\$515,183 04
Paid by county draft	4,228,625 01
Total	\$4,743,808 05

Schedule of total expenditures under chapter 784, Laws of 1913, for establishing a new State route in the county of Greene, known as Route 5-C, year ending December 31, 1918.

General Fund

1918	Amount
January	\$143 75
February	140 00
March	140 00
April	140 00
May	41 25
June	455 48
July	1,569 36
August	14,872 97
September	18,852 25
October	20,083 06
November	16,686 65
December	14,144 22
Total	\$87,268 99

Schedule of total expenditures under chapter 277, Laws of 1915, for new State routes in the counties of Orleans and Niagara, year ending December 31, 1918.

Highway Improvement Fund

1918	Amount
January	\$7,228 33
February	1,401 35
March	2,365 91
April	4,003 95
May	12,820 86
June	26,702 36

	1918	Amount
July		\$32,196 46
August		23,465 51
September		9,329 10
October		486 33
November		2,646 85
December		1,041 55
Total		\$123,688 56

Schedule of total expenditures under chapter 634, Laws of 1916, for the improvement of 1.30 miles of the highway leading from the State Women's Relief Corps Home at Oxford, Chenango county, year ending December 31, 1918.

<i>General Fund</i>		
	1918	Amount
April		\$34 00
May		25 30
June		212 36
July		144 84
September		299 00
October		1,566 65
November		3,359 16
December		1,203 06
Total		\$6,844 37

Schedule of total expenditures under chapter 181, Laws of 1917, and chapter 151, Laws of 1918, for the construction of highways under the direction of the Superintendent of State Prisons (salary and necessary expenses of engineer in charge), year ending December 31, 1918.

<i>General Fund</i>			
	1918	Salary	Traveling expenses
January		\$208 33	\$23 69
February		208 33	
March		208 33	
April		208 33	20 92
			Total
			\$232 02
			208 33
			208 33
			229 25

1918	Salary	Traveling expenses	Total
May	\$208 33	\$64 28	\$272 61
June	208 33	84 79	293 12
July	208 33	76 27	284 60
August	208 33	108 48	316 81
September	208 33	55 18	263 51
October	208 33	48 64	256 97
November	208 33	46 08	254 41
December	208 33	68 00	276 33
	<hr/>	<hr/>	<hr/>
	\$2,499 96	\$596 33	\$3,096 29
	<hr/>	<hr/>	<hr/>

Schedule of total expenditures under chapter 276, Laws of 1917, for the State's share of the cost of the construction and improvement of rural post roads within the State, under the "Federal Aid Act," year ending December 31, 1918.

General Fund

1918	Amount
January	\$2,453 53
February	2,191 97
March	3,391 31
April	2,291 44
May	577 42
June	521 60
July	102 72
August	544 80
September	136 67
October	146 38
November	112 86
December	956 49
	<hr/>
Total	\$13,427 19
	<hr/>

Schedule of total expenditures under chapter 734, Laws of 1917, for the maintenance and repair of improved State and county highways between Albany and New York, year ending December 31, 1918.

General Fund

	1918	Amount.
January		\$3,095 61
February		765 53
July		2,819 63
August		5,603 93
September		5,375 13
October		5,472 19
November		2,502 63
December		2,994 86
Total		\$28,129 51

Schedule of total expenditures under chapter 338, Laws of 1918, an emergency appropriation for the maintenance, repair and reconstruction of highways and bridges, year ending December 31, 1918.

General Fund

	1918	Amount
May		\$3,200 18
June		45,967 32
July		149,079 64
August		147,843 42
September		197,554 99
October		124,624 68
November		50,131 70
December		51,483 74
Total		\$769,885 67

Schedule of payments of Comptroller's office expense charged to Commission of Highways, year ending December 31, 1918.

Highway Improvement Fund

	Amount.
Quayle & Sons, for engraving bonds	\$3,410 00
Quayle & Sons, for circulars	32 00
Total	\$3,442 00

RECAPITULATION

For salaries, traveling expenses and office expenses in administrative offices.....	\$190,383 63
For salaries, traveling expenses and office expenses in the Bureau of Town Highways....	45,293 25
For salaries and office expenses in the Bureau of Maintenance and Repair	27,867 91
For salaries and traveling expenses in the nine divisions and the office of the First Deputy..	327,202 82
For rents, printing, merchandise bills and supplies	36,101 91
For payments to contractors for construction of roads	1,397,583 23
For payments on account of work done and material furnished in completing abrogated contracts by department forces.....	1,013,029 64
For advertising for proposals.....	1,845 97
For right of way	257 96
For the elimination of grade crossings.....	5,076 44
For payments for the maintenance and repair of improved highways, including materials furnished and work performed, also by patrol system	4,743,808 05
For payments under chapter 784, Laws of 1913, for establishing a new State route in the county of Greene, known as Route 5-C.....	87,268 99
For payments under chapter 277, Laws of 1915, for new State routes in the counties of Orleans and Niagara	123,688 56
For payments under chapter 634, Laws of 1916, for the improvement of 1.30 miles of the highway leading from the State Women's Relief Corps Home at Oxford	6,844 37
For payments under chapter 181, Laws of 1917, and chapter 151, Laws of 1918, for the construction of highways under the direction of the Superintendent of State Prisons (salary and necessary expenses of the engineer in charge)	3,096 29

For payments under chapter 276, Laws of 1917, for the State's share of the cost of the con- struction and improvement of rural post roads within the State under Federal Aid Act....	\$13,427 19
For payments under chapter 734, Laws of 1917, for the maintenance and repair of improved State and county highways between Albany and New York	28,129 51
For payments under chapter 338, Laws of 1918, an emergency appropriation for the mainte- nance, repair and reconstruction of highways and bridges	769,885 67
For payments of Comptroller's office expenses charged to the Commission of Highways....	3,442 00
Grand total	<hr/> \$8,824,233 39 <hr/>

Proposals received by the New York State Highway Commission for the improvement and repair of highways and bridges, and for furnishing and delivering bituminous materials.

Letting of February 27, 1918.

BITUMINOUS MATERIAL — CONTRACT No. 1

Bidder	Amount	Binder "A"	
		Bbls. car lots	Bbls. less car lots
Atlantic Refining Co..	\$80,066.90	.1475	.1623
Capitol City Supply & Contracting Corp...	114,690.00	.21	.24

BITUMINOUS MATERIAL — CONTRACT No. 2

		L. C. O.		
		Tank car lots	Bbls. car lots	Bbls. less car lots
Atlantic Refining Co..	\$58,724.49	.0989	.1461	.1615

BITUMINOUS MATERIAL — CONTRACT No. 3

		Material "T", cold application and binder				
		Tank car lots	Bbls. car lots	Bbls. less car lots	Bbls. car lots Binder	Bbls. less car lots Binder
The Barrett Mfg. Co..	\$130,236.30	.1165	.1590	.1770	.1610	.1750

BITUMINOUS MATERIAL — CONTRACT No. 4 — DIVISIONS 3, 5, 6, 7, 8, 9

		Cold patch — asphaltic emulsion	
		Bbls. car lots	Bbls. less car lots
The Headley Good Roads Co..	\$150,285	.218	.2468
The Capitol City Supply Corp.	151,755	.22	.25

Letting of February 28, 1918.

BITUMINOUS MATERIAL — CONTRACT No. 5 — DIVISIONS
1, 2, 4

Bidder	Amount	Cold patch — asphaltic emulsion	
		Bbls. car lots	Bbls. less car lots
Capitol City Supply and Con- tracting Corp.	\$99,141	.22	.25

BITUMINOUS MATERIAL — CONTRACT No. 6

	L. H. O.		
	Tank car lots	Bbls. car lots	Bbls. less car lots
The Atlantic Refg. Co. \$84,041.19	.1151	.1461	.1620

BITUMINOUS MATERIAL — CONTRACT No. 7

	Material "T." — Cold patch	
	Bbls. car lots	Bbls. less car lots
The Barrett Co.	\$94,074.45	.179 .197

Letting of April 19, 1918.

ROAD No. 1435 — SOLON-GEE BROOK, PART 1, CORTLAND
COUNTY — 6.07 MILES

Greylock Construction Co., New York City..... \$64,717 36

ROAD No. 1100 — INDIAN LAKE-COUNTY LINE, HAMILTON
COUNTY — 4.54 MILES

S. B. Van Wagenen, Inc., Rondout, N. Y. \$41,807 90

ROAD No. 5618 — CARTHAGE-ANTWERP, JEFFERSON COUNTY —
4.05 MILES

Greylock Construction Co., New York City..... \$40,737 09

ROAD No. 5557 — TOWNSEND-WATKINS, SCHUYLER COUNTY —
6.03 MILES

No proposals received.

**ROAD No. 1267 — BENNINGTON-ATTICA-ATTICA CENTER,
PARTS 2 AND 3, WYOMING COUNTY — 6.99 MILES**

No proposals received.

**ROAD No. 5590 — LEWISTON HEIGHTS-LEWISTON, NIAGARA
COUNTY — 0.61 MILE**

John Johnson Contracting Co., Buffalo, N. Y.... \$30,751 90

Letting of April 26, 1918.

REPAIR CONTRACT No. 1159 — ONTARIO COUNTY — 3.25 MILES

Greenfield Construction Co., Hornell, N. Y.....	\$54,071 00
Atlanta Construction Co., Atlanta, N. Y.....	64,692 00
Harry W. Roberts & Co., Utica, N. Y.....	71,158 50
Dale Engineering Co., Utica, N. Y.....	77,453 50
Schenectady Contracting Co., Schenectady, N. Y.	80,861 80
Belmar Contracting Co., Inc., Troy, N. Y.....	97,816 00
Samuel Beskin and E. W. Foley, Pittsford, N. Y.	145,362 50
Frank L. Cohen, Buffalo, N. Y.....	151,982 00

REPAIR CONTRACT No. 1160 — ONTARIO AND LIVINGSTON COUNTIES — 4.00 MILES

Atlanta Construction Co., Atlanta, N. Y.....	\$76,396 00
Whitmore-Rauber & Vicinius, Inc., Rochester, N. Y.	93,732 00
Harry W. Roberts Co., Utica, N. Y.....	103,641 00
P. H. Murray, Rochester, N. Y.....	113,311 00
Dale Engineering Co., Utica, N. Y.....	116,422 00
Schenectady Contracting Co., Schenectady, N. Y.	126,070 00
Joseph Walker, Albany, N. Y.....	139,212 00
Frank L. Cohen, Buffalo, N. Y.....	182,744 00

REPAIR CONTRACT NO. 1161 — GENESEE COUNTY — 2.75 MILES

Atlanta Construction Co., Atlanta, N. Y.....	\$63,676 00
Rhody, Wing & Munger, Albion, N. Y.....	65,718 00
Dale Engineering Co., Utica, N. Y.....	68,844 00
Rossney Contracting Corp., Buffalo, N. Y.....	69,060 30
P. H. Murray, Rochester, N. Y.....	74,963 50
Guy B. Dickison, Syracuse, N. Y.....	75,773 00
Bison City Eng. and Contg. Co., Buffalo, N. Y..	81,757 00
Schenectady Contracting Co., Schenectady, N. Y.	82,940 00
Frank V. Brotsch Co., Rochester, N. Y.....	110,015 00
Frank L. Cohen, Buffalo, N. Y.....	125,249 00

REPAIR CONTRACT NO. 1162 — GENESEE COUNTY — 4 MILES

Louis H. Gipp Construction Co., Buffalo, N. Y..	\$64,733 20
Greenfield Construction Co., Hornell, N. Y.....	68,050 00
Guy B. Dickison, Syracuse, N. Y.....	81,207 00
Bison City Eng. and Contg. Co., Buffalo, N. Y..	83,132 00
Rhodey, Wing & Munger, Albion, N. Y.....	89,535 00
Atlanta Construction Co., Atlanta, N. Y.....	91,720 00
Schenectady Contracting Co., Schenectady, N. Y.	92,203 60
Dale Engineering Co., Utica, N. Y.....	94,498 00
Henry P. Burgard Co., Buffalo, N. Y.....	99,923 00
P. H. Murray, Rochester, N. Y.....	106,210 00
Frank L. Cohen, Buffalo, N. Y.....	149,104 00

Letting of May 3, 1918.

**QUAKER BRIDGE, TUNESASSA-ALLEGANY INDIAN RESERVATION,
CATTARAUGUS COUNTY**

Groton Bridge Co., Groton, N. Y.....	\$37,196 00
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Letting of May 7, 1918.**REPAIR CONTRACT NO. 1145 — ALBANY COUNTY**

Boughton & Latus, Albany, N. Y.....	\$25,857 00
The Defiance Corporation, Ticonderoga, N. Y...	27,320 00

REPAIR CONTRACT NO. 1147 — CAYUGA, OSWEGO, SENECA AND
WAYNE COUNTIES

Richard Hopkins, Troy, N. Y.....	\$31,727 30
The Pathfinder Construction Co., Fulton, N. Y..	33,101 95

REPAIR CONTRACT NO. 1141 — FRANKLIN COUNTY

Richard Hopkins, Troy, N. Y.....	\$3,448 00
The Atlantic Refining Co., Philadelphia, Pa....	3,778 00

REPAIR CONTRACT NO. 1150 — FULTON COUNTY

Richard Hopkins, Troy, N. Y.....	\$4,936 10
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REPAIR CONTRACT NO. 1156 — FULTON AND MONTGOMERY
COUNTIES

Richard Hopkins, Troy, N. Y.....	\$4,129 50
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REPAIR CONTRACT NO. 1146 — GENESEE AND WYOMING
COUNTIES

No proposals received.

REPAIR CONTRACT NO. 1154 — HERKIMER AND ONEIDA
COUNTIES

Frank D. Griffin, Norwich, N. Y.....	\$18,347 45
Griffin & Griffin, Norwich, N. Y.....	19,087 40
Richard Hopkins, Troy, N. Y.....	19,461 35
Nathan E. Young, Union, N. Y.....	19,708 50
Harry W. Roberts & Co., Utica, N. Y.....	19,793 26

REPAIR CONTRACT NO. 1142 — JEFFERSON COUNTY

Herbert W. Fearl, Potsdam, N. Y.....	\$7,512 00
Harry W. Roberts & Co., Utica, N. Y.....	7,568 00
Richard Hopkins, Troy, N. Y.....	7,584 80
The Defiance Corporation, Ticonderoga, N. Y...	7,624 00
The Pathfinder Construction Co., Fulton, N. Y..	7,994 00

REPAIR CONTRACT NO. 1140 — LIVINGSTON COUNTY

McCarthy & Wall, Mt. Morris, N. Y.....	\$8,046 62
Jesse J. Crouch, Rochester, N. Y.....	8,454 60
Kennedy Construction Co., Albany, N. Y.....	11,268 20

REPAIR CONTRACT NO. 1151 — MADISON COUNTY

Richard Hopkins, Troy, N. Y.....	\$4,968 00
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REPAIR CONTRACT NO. 1136 — MONROE COUNTY

Jesse J. Crouch, Rochester, N. Y.....	\$12,441 35
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REPAIR CONTRACT NO. 1137 — MONROE COUNTY

Jesse J. Crouch, Rochester, N. Y.....	\$14,462 10
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REPAIR CONTRACT NO. 1158 — MONROE COUNTY

Frank V. Brotsch Co., Rochester, N. Y.....	\$13,383 54
Town Board, Town of Irondequoit, Monroe County, N. Y.	14,222 45

REPAIR CONTRACT NO. 1138 — MONROE AND ORLEANS COUNTIES

Jesse J. Crouch, Rochester, N. Y.....	\$12,118 18
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REPAIR CONTRACT NO. 1139 — MONROE AND ONTARIO COUNTIES

Jesse J. Crouch, Rochester, N. Y.....	\$10,629 45
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REPAIR CONTRACT NO. 1148 — ONEIDA COUNTY

Harry W. Roberts & Co., Utica, N. Y.....	\$29,634 57
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REPAIR CONTRACT NO. 1152 — OTSEGO COUNTY

Nathan E. Young, Union, N. Y.....	\$19,716 00
The Lane Construction Corp., Meriden, Conn...	20,216 00
Frederick A. Biggi, Albany, N. Y.....	25,836 00

REPAIR CONTRACT No. 1149 — RENSSELAER COUNTY

The Atlantic Refining Co., Philadelphia, Pa....	\$11,455 50
The Defiance Corporation, Ticonderoga, N. Y...	11,992 00

REPAIR CONTRACT No. 1143 — ST. LAWRENCE COUNTY

Herbert W. Fearl, Potsdam, N. Y.....	\$10,380 00
Harry W. Roberts & Co., Utica, N. Y.....	10,420 00
The Defiance Corporation, Ticonderoga, N. Y...	10,500 00
The Pathfinder Construction Co., Fulton, N. Y..	10,997 00

REPAIR CONTRACT No. 1144 — ST. LAWRENCE COUNTY

Herbert W. Fearl, Potsdam, N. Y.....	\$6,230 00
The Pathfinder Construction Co., Fulton, N. Y..	6,730 00
The Atlantic Refining Co., Philadelphia, Pa....	6,950 00

REPAIR CONTRACT No. 1155 — SCHENECTADY AND WASHINGTON COUNTIES

Richard Hopkins, Troy, N. Y.....	\$15,225 00
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REPAIR CONTRACT No. 1153 — STEUBEN COUNTY

Kennedy Construction Co., Albany, N. Y.....	\$24,995 87
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REPAIR CONTRACT No. 1157 — WESTCHESTER COUNTY

The Defiance Corporation, Ticonderoga, N. Y...	\$15,707 10
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Also proposals for Broken Stone Contract No. 75, Clinton county.

No proposals received.

Also proposals for the construction of a storehouse (Storehouse Contract No. 1) at Waterford, N. Y. (Albany county).

Kennedy & Scullen Const. Co., Inc., Cohoes, N. Y.	\$7,471 75
Wm. R. Kimmey, Albany, N. Y.....	8,421 75
Bame & Cardell, Albany, N. Y.....	9,442 05
James T. Young, Watervliet, N. Y.....	9,733 50

Letting of May 13, 1918.**REPAIR CONTRACT NO. 1160 — ONTARIO COUNTY — 3.5 MILES**

P. H. Murray, Rochester, N. Y.....	\$66,150 50
Dale Engineering Co., Utica, N. Y.....	71,640 50
Jos. Walker, Albany, N. Y.....	79,793 50
Atlanta Construction Co., Atlanta, N. Y.....	82,751 00
Harry W. Roberts & Co., Utica, N. Y.....	86,727 00

REPAIR CONTRACT NO. 1163 — LIVINGSTON AND ONTARIO COUNTIES — 3 MILES

P. H. Murray, Rochester, N. Y.....	\$60,178 50
Dale Engineering Co., Utica, N. Y.....	62,211 60
Frederick A. Biggi, Albany, N. Y.....	64,706 60
Harry W. Roberts & Co., Utica, N. Y.....	74,761 00
Atlanta Construction Co., Atlanta, N. Y.....	76,439 00

REPAIR CONTRACT NO. 1164 — MONROE AND ONTARIO COUNTIES — 3.5 MILES

Jos. Walker, Albany, N. Y.....	\$69,517 00
The Pathfinder Const. Co., Inc., Fulton, N. Y...	69,843 40
Frank V. Brotsch & Co., Rochester, N. Y.....	73,234 00
Ribstein-Holter Co., Inc., Rochester, N. Y.....	73,489 00
Dale Engineering Co., Utica, N. Y.....	74,492 60
Whitmore-Rauber & Vicinius, Inc., Rochester, N. Y.	98,653 00

Letting of May 15, 1918.**REPAIR CONTRACT NO. 1162 — GENESEE COUNTY — 3.25 MILES**

Ribstein-Holter Co., Inc., Rochester, N. Y.....	\$64,455 00
Cold Spring Construction Co., Buffalo, N. Y....	64,785 00
Dale Engineering Co., Utica, N. Y.....	67,427 00
Frederick A. Biggi, Albany, N. Y.....	72,029 00
Bison City Eng. & Contracting Co., Buffalo, N. Y.	83,991 00

REPAIR CONTRACT No. 1165 — GENESEE COUNTY — 3.25 MILES

Cold Spring Construction Co., Buffalo, N. Y....	\$62,355 50
Dale Engineering Co., Utica, N. Y.....	63,357 00
Bison City Eng. & Contracting Co., Buffalo, N. Y.	78,661 00
Henry P. Burgard Co., Buffalo, N. Y.....	97,107 00

REPAIR CONTRACT No. 1166 — SENECA COUNTY — 2.39 MILES

Harry W. Roberts & Co., Utica, N. Y.....	\$58,613 50
Dana W. Robbins, Inc., New York City.....	65,401 00
Dale Engineering Co., Utica, N. Y.....	65,916 00

Letting of June 14, 1918.**CHITTENANGO CREEK BRIDGE, CHITTENANGO, MADISON COUNTY**

Shults, Tyler & Tibbitts, Chittenango, N. Y....	\$15,291 00
Newport Construction Co., Newport, N. Y.....	15,777 00

Letting of July 1, 1918.**CHITTENANGO CREEK BRIDGE, CHITTENANGO, MADISON COUNTY**

Tyler & Carnevale, Chittenango, N. Y.....	\$15,291 00
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Letting of August 12, 1918.**ROAD No. 5544 — HINSDALE—FRANKLINVILLE, PT. 2, CATTARAUGUS COUNTY — 6.88 MILES**

No bids received.

**ROAD No. 1312 — BARRYTOWN—RED HOOK—ROCK CITY,
DUTCHESS COUNTY — 6.81 MILES**

S. B. Wagenen, Inc., Rondout, N. Y.....	\$104,735 10
Samuel Beskin, Beacon, N. Y.....	112,470 20

**ROAD No. 924-AA — WALES CENTER—WALES, ERIE COUNTY —
6.03 MILES**

No proposals received.

ROAD No. 1333 — COLLINS CENTER—SPRINGVILLE, ERIE COUNTY
— 9.14 MILES

P. H. Murray, Rochester, N. Y..... \$221,253 10

ROAD No. 5622 — HOLLAND—YORKSHIRE, PART 1, ERIE COUNTY
— 5.19 MILES

No proposals received.

ROAD No. 1348 — NEW BALTIMORE STATION—COEYMANS,
GREENE COUNTY — 3.98 MILES

Joseph Walker, Albany, N. Y..... \$62,347 00

ROAD No. 1390 — CHILI—COLDWATER, MONROE COUNTY — 2.92
MILES

Oliver Costich Co., Inc., Rochester, N. Y..... \$38,975 22

Frank V. Brotsch, Rochester, N. Y..... 39,148 17

ROAD No. 512-A — AKIN—JOHNSTOWN, MONTGOMERY COUNTY,
PART 1 (TIMBER CRIB)

Chas. H. Wilde, Jr., Fort Johnson, N. Y..... \$8,764 00

ROAD No. 1342 — ROSLYN—PORT WASHINGTON, NASSAU COUNTY
— 5.24 MILES

No proposals received.

ROAD No. 1343 — WESTBURY—HICKSVILLE, NASSAU COUNTY —
3.09 MILES

Claire D. Schlemmer, Islip, N. Y..... \$95,542 00

ROAD No. 1344 — GREENE CORNER—FRANCIS POND, NASSAU
COUNTY — 3.38 MILES

Claire D. Schlemmer, Islip, N. Y..... \$90,704 59

ROAD No. 1278 — CANANDAIGUA—ORLEANS, ONTARIO COUNTY —
8.63 MILES

No proposals received.

ROAD No. 499 — MIDDLETOWN—MONTGOMERY, ORANGE COUNTY
— 9.18 MILES

No proposals received.

ROAD No. 1454 — DUANESBURG—ESPERANCE, SCHENECTADY
COUNTY — 6.33 MILES

No proposals received.

ROAD No. 5571 — WHITE PLAINS—EAST VIEW, WESTCHESTER
COUNTY — 4.29 MILES

Malloy & Murray Contracting Co., Yonkers, N. Y.	\$72,044 66
Ciarcia & Troisi, Mount Vernon, N. Y.....	63,856 10

REPAIR CONTRACT No. 959 — DELAWARE COUNTY

Harry W. Roberts & Co., Utica, N. Y.....	\$32,692 12
Greylock Construction Co., Inc., New York City..	27,495 30


REPAIR CONTRACT No. 1085 — ONONDAGA COUNTY

Warren Bros. Co., Boston, Mass.....	\$49,430 80
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REPAIR CONTRACT No. 1170 — CATTARAUGUS COUNTY

Chenango Construction Co., Inc., Perth Amboy, N. J.	\$29,977 00
Thomas F. Murray, Le Roy, N. Y.....	28,632 00

APPENDIX A

**COMPLETE CONSECUTIVE NUMERICAL LIST
OF ALL
COUNTY AND STATE HIGHWAYS
ALSO
DETAILS AND COST OF CONSTRUCTION 
JANUARY 1, 1898—DECEMBER 31, 1918
[185]**

ABBREVIATIONS FOR APPENDIX A

Am. amiesite	Glu., glutrin or lignin liquor	P., parabolic section
Anor., anorthosite	Gn., gneiss	Qrs., quartzite
App., approved	Grn., granite	Qst., quarrystone
Asp., asphalt	Grt., grout	Re., reinforced
Av., average	Grv., gravel	Ro., rock
Ber., Bermudes	H Con., Hassam concrete	Sc., screenings
Bit. Mac., bituminous macadam	HC. T., high carbon tar	S Con., second-class concrete
BM., bituminous macadam	HC. HT., high carbon hot tar	Sh., shale
Bitu., bitulithic	HC. CT., high carbon cold tar	Sht., sheet
Bl., bluestone	H. O., asphaltic hot oil	Sl., slag
Bld., boulders	Imp., imported	Sn., sand
Blk., block	LC. T., low carbon tar	Set., sandstone
Br., brick	LC. HT., low carbon hot tar	St., stone
BT., bituminous top	LC. CT., low carbon cold tar	Sub., stone sub-bottom
CaCl., calcium chloride	Lig. Mas., Lignum Mastic	Sy., syenite
Cal., calcareous	Li., limestone	T., tar
Cem., cementationis	Lo., local	Tel., Telford
CO., asphaltic cold oil	Med., Medina	Tp., top
Cu., Cuban	MM-1, mixing method, type 1	Tr., trap
Dol., dolomite	MM-2, mixing method, type 2	Trn., Trinidad
F Con., first-class concrete		WB., waterbound
Fld., fieldstone		Wd., wood
Gab., gabbro		
Gil., gilsonite		

EXPLANATORY NOTES FOR APPENDIX A

All highways having indicated "Screenings and water" under the heading of "Binder" are waterbound.

All highways having indicated "Asphalt" under the heading of "Binder" are bituminous macadam by the penetration method, using residuum asphalt.

All highways having Bermudes, Trinidad or other so-called natural asphalts in the "Binder" column are bituminous macadams, penetration method.

All highways having "Tar" indicated in the "Binder" column are bituminous macadams, penetration method.

All bituminous macadams which are not penetration method are specially shown as "Mixing Methods". All other types are self-explanatory.

All hot and cold oils are of asphaltic base.

Where bottom course is specified as "Sub." the size of stone is the same as specified for sub-bottom.

On all parabolic sections the approximate center thickness is given.

The mileages shown on the left are the actual mileages constructed and will not always check with those in Appendix "B" on account of eliminations, etc., Appendix "B" showing net mileages in existence.

The 16 foot pavement has been taken as the standard because of the large proportion of highways which are of that width.

The cost per square yard of pavement includes the pavement items only, excluding everything except those materials shown in the tabulation.

On brick pavements the cost per square yard does not include edging or curbing.

The cost per mile of highway is obtained from three quantities: i.e., the pavement cost per 16 foot width, the excavation cost per mile of 26 foot width and the cost of other items per mile of center line.

The pavement cost per mile is obtained by multiplying the square yardage cost by the constant for a 16 foot mile (9387).

The excavation cost is obtained by finding the total square yardage of roadway lying between the ditches and dividing by the constant for a 26 foot mile. This gives the equivalent 26 foot mileage. The total cost of excavation divided by this mileage is the value used.

The total cost of excavation plus the total cost of pavement items deducted from the entire cost of the highway give the total cost of other items. This quantity divided by the center line mileage gives a cost per mile of other items as used.

The sum of these three quantities is the value shown as "Cost per mile of 16'-26' highway".

"Total cost" includes State, county and village expenditures to cover construction, engineering and inspection.

All quantities on roads 100 per cent. complete and showing the final cost are taken from the final estimate. All other quantities are taken from the preliminary estimate.

The symbol "+" indicates that the final construction differed from the contemplated construction in the detail indicated or in the entire highway.

KEY TO NUMERALS USED IN APPENDIX A

The manufacturers of all bituminous materials used as binders or surfacings are indicated by the following numbers:

- | | |
|-------------------------------|--------------------------------------|
| (1) Barber Asphalt Paving Co. | (12) American Asphalt and Rubber Co. |
| (2) Texas Co. | (13) International Asphalt Co. |
| (3) Sun Co. | (14) Wadsworth Stone & Paving Co. |
| (4) Beyerley & Sons. | (15) U. S. Asphalt Refining Co. |
| (5) Union Oil Co. | (16) United Gas Improvement Co. |
| (6) John Baker Co. | (17) Barrett Manufacturing Co. |
| (7) Warner-Quinlan Co. | (18) Dock Refining Co. |
| (8) Johns Manville Co. | (19) Dolarway Co. |
| (9) Indian Refining Co. | (20) Robeson Process Co. |
| (10) Standard Oil Co. | (21) Prudential Oil Corp. |
| (11) Atlantic Refining Co. | (?) Manufacturer unknown. |

The trade names of cements used on concrete pavements are indicated by the following numbers:

- | | | | |
|--------------|--------------------|-------------------|----------------|
| (1) Alpha | (7) Giant | (13) Penn-Allen | (19) Nasareth |
| (2) Alsen | (8) Helderberg | (14) Phoenix | (20) Cayuga |
| (3) Atlas | (9) Ironclad | (15) Saylor | (21) Newcastle |
| (4) Crescent | (10) Knickerbocker | (16) Universal | (22) Vulcanite |
| (5) Dragon | (11) Lehigh | (17) Whitehall | (23) Tidewater |
| (6) Edison | (12) Millen | (18) Pennsylvania | (24) Catskill |

The trade names of all brick used in brick pavements are indicated by the following numbers:

- | | | |
|---------------------|-------------------|----------------------|
| (1) Allegany Valley | (13) "D & B" | (24) Penn Clay |
| (2) American | (14) Foster | (25) Porter |
| (3) Bessemer | (15) Jamestown | (26) Porter National |
| (4) Bradford | (16) Johnstown | (27) Reynoldsville |
| (5) C. C. W. | (17) Mack | (28) Shawmut |
| (6) Century | (18) Mayer | (29) Standard |
| (7) Clearfield | (19) Medal | (30) Tidewater |
| (8) Collingwood | (20) Metropolitan | (31) Toronto |
| (9) Conneaut | (21) Nelsonville | (32) Tuna Valley |
| (10) Corning | (22) Olean | (33) Watsontown |
| (11) Corry | (23) Paterson | (34) Youngsville |
| (12) Cowans | | |

The following letters are used with concrete pavements and foundations to indicate the proportions used:

- | | | |
|------------|------------|-----------|
| (a) 1-1½-3 | (d) 1-2½-5 | (g) 1-5 |
| (b) 1-2-3 | (e) 1-3-5 | (h) 1-6 |
| (c) 1-2-4 | (f) 1-3-6 | (i) 1-3-4 |

Where "gravel concrete" is indicated the mixture is made from "run of bank" gravel unless shown as "screened gravel concrete".

APPENDIX A — COUNTY HIGHWAYS

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1	Schenes	2.00	.....	\$16,517 51	\$3,782 51	9/17/98	100	7/27/99	2.00	16	28	18,773
2	Erie	6.48	.....	30,023 60	15,464 30	10/4/98	100	5/—/00	6.48	12	32	45,601
3	Oneida	2.25	.....	16,338 29	8,338 29	10/7/98	100	12/19/99	2.24	12	20-24	15,780
4	Colum.	1.23	.....	9,992 87	6,015 37	10/25/98	100	8/15/99	1.23	15	24	11,545
5	Monroe	2.45	.....	13,598 70	7,501 25	3/6/99	100	12/7/00	2.45	12	30	17,248
6	Monroe	6.49	.....	40,013 59	20,113 89	8/16/99	100	7/26/00	6.49	16	26	60,027
7	Albany	1.01	.....	15,457 27	7,727 64	5/15/00	100	7/17/02	1.01	15	28	8,567
8	Onond.	1.20	.....	12,889 56	6,444 78	6/17/00	100	11/17/00	1.20	15	21	10,616
9	Onond.	0.61	.....	7,729 93	3,864 97	7/1/99	100	10/20/00	0.61	15	21-22	5,379
*10	Renss.	1.00	.....	7,437 26	3,718 63	7/21/99	100	7/12/00	1.00	15	21-29	8,800
11	Renss.	1.63	.....	10,642 75	5,321 37	7/21/99	100	2/11/01	1.03	15	20-27	9,060
*12	Saratoga	2.60	.....	20,903 04	10,757 71	5/21/00	100	1/15/01	2.60	16	24	24,405
13	Chenango	1.11	.....	7,942 00	3,971 00	5/8/00	100	12/23/01	1.11	15	26	9,742
14	Monroe	0.63	.....	7,242 67	3,621 33	5/8/00	100	8/25/00	0.63	16	22	5,985
15	Ulster	5.66	.....	30,040 00	15,020 00	5/14/00	100	11/21/00	5.66	12	16-20	39,972
16	West	0.60	.....	6,193 33	3,096 17	5/12/00	100	7/2/02	0.60	16	22	5,670
17	West	2.76	.....	27,392 18	13,696 09	5/12/00	100	12/24/01	2.76	16	25	25,042
18	West	2.78	.....	28,014 56	14,007 28	7/23/00	100	10/24/01	2.78	16	28	26,054
*20	West	2.77	.....	31,520 00	15,760 00	5/12/00	100	11/14/01	3.77	14	30	30,870
*21	Oneida	1.33	.....	10,487 32	5,243 66	7/6/00	100	7/2/01	1.33	15	22	11,667
22	Albany	3.41	.....	35,607 96	17,753 98	6/25/00	100	11/8/01	3.41	16	26	32,040
23	Erie	1.45	.....	17,356 04	8,856 04	7/26/00	100	12/18/00	1.45	20	26	17,013
*24	Dela.	3.05	.....	28,820 00	14,410 00	7/16/01	100	1/22/03	3.05	15	22-25	26,800
25	Renss.	2.59	.....	22,658 49	11,329 24	6/20/01	100	11/5/02	2.59	16	26	24,372
26	Erie	1.15	.....	14,610 30	7,309 65	9/27/00	100	9/4/01	1.15	16-20	30	11,244
27	Chem.	3.41	.....	36,482 25	18,241 13	7/17/01	100	6/13/02	3.41	16	30	31,990
28	Chem.	1.06	.....	11,987 82	5,993 91	7/17/01	100	6/6/02	1.06	16	20	9,950
29	Chem.	1.02	.....	10,799 39	5,399 65	7/17/01	100	12/3/01	1.02	16	20	9,584
30	Ulster	5.72	.....	41,728 00	20,864 00	6/10/01	100	12/1/02	5.72	12, 16	20-26	43,800
31	Mont.	2.65	.....	17,510 00	8,755 00	6/5/01	100	8/15/02	0.95	12	25	6,933
32	Fulton	4.03	.....	30,952 00	15,476 00	6/5/01	100	7/24/03	1.67	12	26	11,734
33	West	2.15	.....	20,954 20	10,477 10	6/31/01	100	12/18/01	4.03	16	26	37,815
34	West	3.21	.....	26,000 00	13,000 00	7/22/01	100	10/1/02	2.15	16	26	20,295
*35	Dela.	1.57	.....	13,116 55	6,558 28	6/18/01	100	7/20/03	3.21	14	26	26,244
36	Ulster	4.00	.....	22,881 18	11,440 59	6/10/01	100	8/15/02	1.57	12	16	11,053
37	Ulster	4.88	.....	35,520 00	17,760 00	5/6/02	100	8/27/03	4.00	12	16-25	28,032
38	Saratoga	1.52	.....	12,370 00	6,185 00	7/27/01	100	7/20/02	4.88	12	24	24,322
39	Cort.	0.47	.....	3,810 00	1,905 00	7/30/01	100	9/8/02	1.52	16	25	14,230
40	Albany	2.74	.....	22,497 20	11,248 60	8/5/01	100	7/2/02	0.47	16	26	4,412
41	Orange	10.95	.....	22,330 00	11,165 00	6/18/01	100	7/24/02	2.74	15	26	24,112
42	Orange	7.55	.....	22,923 00	11,464 00	6/18/01	100	9/9/02	3.65	22	28	41,400
43	Orange	4.22	.....	9,690 00	4,845 00	5/18/01	100	7/24/02	7.30	16	22	74,101
44	Orange	9.25	.....	13,770 00	6,885 00	6/18/01	100	7/24/02	7.55	22	28	97,445
45	Orange	1.51	.....	8,315 02	4,157 51	6/18/01	100	11/—/04	4.22	22	22	54,467
46	Broome	1.76	.....	17,100 00	8,550 00	8/12/01	100	6/13/02	9.25	16	22	16,533
47	Onond.	1.00	.....	9,100 00	4,550 00	11/20/01	100	12/23/02	1.51	12	26	10,653
48	Onond.	2.00	.....	18,600 00	9,300 00	5/17/02	100	10/28/04	1.76	16	22	16,533
49	West	4.44	.....	38,103 08	19,051 54	7/22/01	100	2/9/03	1.00	16	24	9,387
50	West	5.04	.....	44,084 00	22,042 00	7/24/01	100	12/23/02	2.00	16	28	18,773
51	West	5.04	.....	44,084 00	22,042 00	7/24/01	100	12/23/02	4.44	12	20	31,224
									5.04	12	20	35,448

* See list by counties † Changed from original plans.

JANUARY 1, 1898 TO DECEMBER 31, 1918

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
End	Thickness	Kind	Thickness							
L	4	Tr.	2	Sc. water		8,300	1915	0.91	Bit. Mac	1
L	4	Tr.	2	Sc. water		6,360	1913	0.50	Brick	2
L	4	Tr.	2	Sc. water		7,200	1910	5.67	Brick	3
L	4	Tr.	2	Sc. water		8,120	1912	0.87	Brick	4
L	4	Grv.	2	Sc. water		5,670	1915	1.00	BM. MM-2.	5
L	4	Tr.	2	Sc. water			1910	1.25	Bit. Mac	6
L	4	Tr.	2	Sc. water			1910	1.23	Grv. Bit. Mac	7
L	4	Tr.	2	Sc. water			1910	1.06	Amesite	8
L	4	Tr.	2	Sc. water			1914	1.39	Topeka	9
L	4	Tr.	2	Sc. water			1909	3.20	Bit. Mac	10
L	4	Tr.	2	Sc. water			1909	0.25	Br. Cubes	11
L	4	Tr.	2	Sc. water			1914	0.99	Brick	12
L	4	Tr.	2	Sc. water			1915	0.50	Rocmac	13
L	4	Tr.	2	Sc. water			1917	1.55	F. Con.	14
L	4	Tr.	2	Sc. water		0.604	1914	1.04	Brick	15
L	4	Tr.	2	Sc. water		10,740	1912	1.20	Bit. Mac	16
L	4	Tr.	2	Sc. water		12,670	1912	0.61	Bit. Mac	17
L	4	Tr.	2	Sc. water		7,690	1910	0.48	Bit. Mac	18
L	4	Tr.	2	Sc. water			1917	1.03	Bit. Mac	19
L	4	Tr.	2	Sc. water		8,040	1910	2.60	Bit. Mac	20
L	4	Tr.	2	Sc. water		7,455	1914	1.11	Bit. Mac	21
L	4	Tr.	2	Sc. water		11,600	1917	0.63	6" F. Con.	22
L	3	Lo. Bl.	2	Sc. water		408	1910	5.66	WB. HO.	23
L	4	Tr.	2	Sc. water		6,636	1909	0.60	WB. CO.	24
L	4	Tr.	2	Sc. water		9,830	1909	3.06	WB. CO.	25
L	4	Tr.	2	Sc. water		10,040	1915	2.78	2" Bit. Mac	26
L	4	Tr.	2	Sc. water		9,165	1910	1910	Bit. Mac	27
L	4	Tr.	2	Sc. water		7,890	1910	1910	Bit. Mac	28
L	4	Tr.	2	Li. Sc. water	Li. & Li. Sc.	0.784	1909	1.76	Bit. Mac	29
L	4	Tr.	2	Li. Sc. water		10,410	1912	1.12	Brick	30
L	4	Tr.	2	Li. Sc. water		11,970	1915	0.53	Bit. Mac	31
L	4	Tr.	2	Li. Sc. water			1915	0.87	Bit. Mac	32
L	4	Tr.	2	Li. Sc. water			1917	0.58	6" F. Con.-16"	33
L	3	Lo. St.	2	Sc. water		0.731	1909	1.35	WB. Mac	34
L	4	Tr.	2	Li. Sc. water		0.593	1910	1.70	Bit. Mac	35
L	4	Tr.	2	Sc. water		12,710	1917	0.70	Bit. Mac	36
L	4	Tr.	2	Sc. water		10,700	1910	1.15	Brick	37
L	4	Tr.	2	Sc. water		11,310	1917	1.06	2 1/2" Bit. Mac	38
L	4	Tr.	2	Sc. water		10,530	1909	1.02	Bit. Mac	39
L	3	Lo. Bl.	2	Sc. water		0.550	1910	2.65	Bit. Mac	40
L	3	Li.	2	Sc. water		0.443	1910	4.04	Bit. Mac	41
L	4	Lo. St. & Li.	2	Sc. water		0.537	1910	2.16	F. Con.	42
L	4	App. Tr.	2	Sc. water		0.519	1917	1.37	Bit. Mac	43
L	4	Lo. St. & Tr.	2	Sc. water		0.615	1910	1.37	Bit. Mac	44
L	3	Lo. St.	2	Sc. water		0.585	1917	1.57	Bit. Mac M.M.	45
L	3	Grv.	2	Sc. water		8,350	1910	4.00	Bit. Mac	46
L	3	Lo. Bl.	2	Sc. water		0.480	1910	4.91	Bit. Mac	47
L	3	Lo. St.	2	Sc. water		0.532	1910	1.35	Bit. Mac	48
L	4	Tr.	2	Sc. water		0.505	1910	0.47	Bit. Mac	49
L	4	Li.	2	Sc. water		8,110	1901	1.84	WB. Mac	50
L	3	Li.	2	Sc. water		0.606	1915	2.02	Bit. Mac	51
L	3	Grv.	2	Water		2,931	1917	0.86	F. Con.	52
L	3	Grv.	2	Water		1,601	1913	3.67	Bit. Mac	53
L	3	Grv.	2	Water		2,211	1915	3.22	Bit. Mac	54
L	3	Grv.	2	Water		2,300	1916	3.00	Bit. Mac	55
L	3	Grv.	2	Water		1,490	1912	1.74	Bit. Mac	56
L	3	Grv.	2	Water		1,490	1913	5.00	Bit. Mac	57
L	3	Grv.	2	Water		1,490	1916	0.81	Bit. Mac	58
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	59
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	60
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	61
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	62
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	63
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	64
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	65
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	66
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	67
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	68
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	69
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	70
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	71
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	72
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	73
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	74
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	75
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	76
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	77
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	78
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	79
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	80
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	81
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	82
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	83
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	84
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	85
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	86
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	87
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	88
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	89
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	90
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	91
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	92
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	93
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	94
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	95
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	96
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	97
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	98
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	99
L	3	Grv.	2	Water		1,490	1910	5.04	WB. Mac	100

APPENDIX A — COUNTY HIGHWAYS JANUARY

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
	West...	3.69		\$31,411 00	\$15,705 50	5/31/01	100	7/28/02	3.69	12	24	25.8
	West...	1.76		13,967 96	6,983 98	5/31/01	100	8/22/02	1.76	12	24	12.3
64	West...	2.65		22,540 00	11,270 00	7/17/01	100	11/26/02	2.65	12-19	25	18.6
55	Renss...	3.15		10,684 00	5,342 00	7/16/01	100	12/15/01	3.15	16	16	25
56	Clinton...	2.82		18,910 09	9,455 00	6/ 7/01	100	7/ 1/02	2.82	16	26	26.4
57	Clinton...	1.00		7,780 00	3,890 00	6/ 7/01	100	10/29/02	1.00	16	26	9.3
58	Saratoga...	6.06		34,610 00	17,305 00	6/ 4/01	100	8/15/02	6.06	12	26	42.6
59	Saratoga...	5.03		40,532 00	20,266 00	7/27/01	100	11/18/03	5.03	16	22-28	47.3
60	Monroe...	3.04		35,376 84	17,688 42	7/15/01	100	6/10/02	3.04	16	20-22	28.5
61	Monroe...	1.30		14,852 47	7,426 24	7/15/01	100	12/ 3/01	1.30	16	22	12.1
62	Monroe...	6.24		55,000 00	27,500 00	6/28/02	100	7/29/03	6.24	16	22	58.1
63	Monroe...	2.25		19,700 00	9,850 00	7/ 2/02	100	8/ 6/03	2.25	16	22	21.1
64	Orange...	1.84		4,868 00	2,434 00	6/20/02	100	12/ 1/02	1.84	16	22	17.1
65	Orange...	7.95		35,712 20	17,856 10	6/20/02	100	8/ 5/04	5.96	12	26	42.4
									1.99	8	26	9.1
66	Erie...	0.95		11,600 00	5,800 00	6/11/02	100	7/29/03	0.95	16	20	8.1
67	Erie...	3.41		34,900 09	17,450 00	6/11/02	100	12/10/03	3.41	16	20	32.1
68	Erie...	1.17		12,728 00	6,364 00	6/11/02	100	8/10/03	1.17	16	24	10.1
69	Erie...	3.42		28,000 00	14,000 00	5/ 9/02	100	11/19/02	3.42	16	22	33.1
*70	Schenect...											
*71	Oneida...	5.19		47,200 00	23,600 00	5/ 6/02	100	12/16/03	5.19	16	26	48.1
72	Tomp...	1.87		18,000 00	9,000 00	6/ 9/03	100	9/30/04	1.87	16	28	17.1
73	Schenect...	1.15		15,993 00	7,996 50	5/17/02	100	7/ 1/03	1.15	12-16	18-22	9.1
74	Onond...	1.00		11,047 64	5,523 82	6/18/02	100	11/11/05	1.00	12	24-28	7.1
75	Onond...	0.78		9,150 00	4,575 00	5/17/02	100	10/28/04	0.78	16	26	7.1
76	Onond...	1.00		8,100 00	4,050 00	5/17/02	100	12/24/02	1.00	16	24	9.1
77	Renss...	1.50		12,180 00	6,090 00	5/ 6/02	100	12/ 4/02	1.50	16	26	14.1
78	Monroe...	3.62		30,996 20	15,498 10	7/ 2/02	100	8/ 6/03	3.62	16	22	34.1
79	Monroe...	7.58		61,593 00	30,796 50	6/28/02	100	8/ 4/04	7.58	16	26	71.1
80	Monroe...	4.63		39,000 00	19,500 00	5/20/02	100	11/17/02	4.63	16	22	44.1
81	Monroe...	4.06		33,500 00	16,750 00	5/20/02	100	14/ 4/02	4.06	16	22	38.1
*82	Monroe...	0.36		3,280 00	1,640 00	5/20/02	100	8/15/02	0.36	16	25	3.1
83	Monroe...	5.09		41,617 35	20,808 68	5/20/02	100	11/ 3/02	5.09	16	22	48.1
84	Renss...	2.46		22,259 16	11,129 58	5/12/02	100	8/ 6/03	2.46	15	22	21.1
85	Wash...	0.92		10,263 19	5,132 59	5/12/02	100	1/18/04	0.92	16	22	9.1
86	Erie...	4.00		42,500 00	21,250 00	6/11/02	100	12/10/03	4.00	16	25	37.1
87	Erie...	1.93		17,000 00	8,500 00	5/ 9/03	100	7/21/03	1.93	16	22	18.1
88	Erie...	4.28		39,205 80	19,602 90	5/ 9/02	100	7/21/03	4.28	16	22	40.1
89	Erie...	4.06		41,422 00	20,711 00	5/ 9/02	100	12/10/03	4.06	16	22	38.1
90	Rock...	2.83		23,692 00	11,846 00	5/12/02	100	11/30/03	2.83	16	26	26.1
91	Rock...	3.90		29,830 06	14,915 03	5/20/02	100	3/27/03	3.90	16	22	34.1
92	Albany...	1.72		18,510 00	9,255 00	5/12/02	100	12/13/04	1.72	16	26	11.1
									1.73	10.5	26	11.1
193	Orange...	4.45		27,885 00	13,942 50	6/20/02	100	9/17/03	1.53	10.5	26	11.1
									1.19	8.0	26	11.1
94	Monroe...	4.21		35,400 00	17,700 00	6/ 9/02	100	12/12/02	4.21	14.16	23.25	3.1
95	Orange...	5.86		34,230 50	17,115 25	5/20/02	100	4/21/04	5.86	10.5	26	4.1
95A	Orange...	0.11		1,900 00	1,235 00	6/20/16	100	1/ 3/17	0.11	16	26	
96	Mont...	0.63		6,430 00	3,215 00	5/17/02	100	8/15/02	0.63	12-14	24	
97	Wash...	3.57		26,735 60	13,367 80	5/19/02	100	12/21/03	3.57	12	26	2.1
98	Monroe...	1.58		19,600 00	9,800 00	5/26/02	100	11/17/02	1.58	14-16	24	1.1
99	Monroe...	2.96		32,800 00	16,400 00	6/ 3/02	100	12/ 1/02	2.96	16	24	2.1

* See list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
La. St.	3	Lo. St.	3	Lo. St. water	0.636	10,000	1917	3.60	F. Con.	52
La. St.	4	Lo. St.	3	Li. Sc. water	0.646	9,460	1910	0.39	WB. Mac.	53
La. St.	3	Lo. St.	3	Sc. water	0.623	9,970	1910	1.37	F. Con.	54
La. St.	3	Grv.	3	Sc. water		3,400		3.15	Grv.	55
La. St.	3	Li.	3	Sc. water	0.504	6,710	1911	0.85	Bit. Mac.	56
La. St.	3	Li.	3	Sc. water	0.603	7,790	1914	1.97	Bit. Mac.	57
La. St.	4	Lo. Grn.	2	Grn. Sc. water	0.516	6,920	1910	6.06	Bit. Mac.	58
La. St.	4	Tr.	2	Sc. water	0.501	8,060	1910	2.43	Bit. Mac.	59
La. St.	4	Tr.	2	Li. Sc. water		11,640	1912	1.00	Bit. Mac.	60
La. St.	4	Tr.	2	Li. Sc. water		11,390	1910	2.04	WB. Mac.	61
La. St.	4	Li.	2	Sc. water		8,820	1912	6.24	Bit. Mac.	62
La. St.	4	Li.	2	Li. Sc. water		8,740	1910	0.78	Brick	63
La. St.	6					2,650	1917	1.47	MM-2	64
La. St.	3	Grv.	3	Water	0.167	4,605		1.84	6" FCon-14"	65
La. St.	3	Lo. St.	3	Sc. water	0.500	7,734				
La. St.	4	Li.	2	Li. Sc. water		12,180	1911	0.95	Brick	66
La. St.	4	Li.	2	Li. Sc. water		10,230	1911	3.41	Brick	67
La. St.	4	Li.	2	Li. Sc. water		10,880	1910	1.17	Brick	68
La. St.	4	Li.	2	Sc. water		8,200	1910	2.32	Brick	69
La. St.	4	Li.	2	Sc. water		8,200	1913	1.10	Brick	70
La. St.	4	Li.	2	Sc. water		8,200	1915	1.58	Bit. Mac.	71
La. St.	4	Tr.	2	Li. Sc. water		9,000	1909	1.85	Bit. Mac.	72
La. St.	4	Li.	2	Sc. water		9,630	1913	2.29	Bit. Mac.	73
La. St.	3	Li.	3	Li. Sc. water	0.658	14,450	1915	2.06	Bit. Mac.	74
La. St.	4	Li.	2	Sc. water	0.613	12,460	1910	1.03	WB. Mac.	75
La. St.	4	Li.	2	Sc. water	0.759	11,740	1910	0.86	WB. Mac.	76
La. St.	4	Li.	2	Sc. water		8,100	1917	1.00	3" BM-16"	77
La. St.	3	Lo. St.	3	Lo. Sc. water	0.627	8,120	1911	1.08	Brick	78
La. St.	4	Li. or Grn.	2	Sc. water		8,560	1916	0.42	3" WB. Mac.	79
La. St.	4	Li.	2	Li. Sc. water		8,170	1910	3.62	WB. Mac.	80
La. St.	4	Grn.	2	Sat. Sc. water		8,410	1909	3.48	WB. Mac.	81
La. St.	4	Lo. Grn.	2	Sc. water		8,260	1910	2.55	WB. Mac.	82
La. St.	4	Grn. Li.	2	Sc. water		9,010	1910	1.51	Bit. Mac.	83
La. St.	4	Sy. Li.	2	Sc. water		8,180	1914	0.22	Brick	84
La. St.	3	Lo. St.	3	Li. Sc. water	0.686	9,450	1915	2.46	Bit. Mac.	85
La. St.	3	Li.	3	Sc. water		11,160	1910	0.92	Bit. Mac.	86
La. St.	4	Li.	2	Li. Sc. water		10,620	1911	4.00	Bit. Mac.	87
La. St.	4	Li.	2	Li. Sc. water		8,830	1910	1.93	Brick	88
La. St.	4	Li.	2	Li. Sc. water		9,150	1910	4.28	Bit. Mac.	89
La. St.	4	Li.	2	Li. Sc. water		10,200	1912	4.06	Bit. Mac.	90
La. St.	4	Tr.	2	Li. Sc. water	0.621	8,370			Oiled	91
La. St.	3	Lo. St.	3	Sc. water	0.616	7,650	1915	3.90	Bit. Mac.	92
La. St.	3	Li.	3	Li. Sc. water	0.613	10,760	1910	1.72	Bit. Mac.	93
La. St.	3	Grv.	3	Sc. water	0.160	5,743				
La. St.	3	Sh.	3	Sc. water	0.160	5,743	1914		Sulphite	94
La. St.	3	St.	3	Sc. water	0.500	8,935				
La. St.	4	Tr.	2	Sc. water		13,015	1910	1.64	WB. Mac.	95
La. St.	4	Tr.	2	Sc. water		13,015	1910	1.12	Topeka	96
La. St.	4	Tr.	2	Sc. water		13,015	1915	1.39	Bit. Mac.	97
La. St.	4	Tr.	2	Sc. water		13,015	1914	5.86	Bit. Mac.	98
La. St.	4	Grv.	6		0.140	6,165				
La. St.	3	Imp. Tr.	3	Asp. (10)	1.223	17,290	1913	0.64	Bit. Mac.	99
La. St.	3	Lo. St.	3	Sc. water	0.692	11,030	1914	1.21	Bit. Mac.	100
La. St.	3	Lo. St.	3	Sc. water	0.571	8,830	1914	1.21	Bit. Mac.	101
La. St.	4	Li.	2-3	Sc. water		12,730	1910	1.58	WB. Mac.	102
La. St.	4	Li.	2-3	Sc. water		11,030	1910	2.96	WB. Mac.	103

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
100	Monroe...	3.40	.....	\$29,166 00	\$14,583 00	7/ 1/02	100	11/30/03	3.40	16	22	36.54
101	Monroe...	2.88	.....	23,374 70	11,687 35	7/ 1/02	100	9/20/04	2.88	16	22	27.02
102	Renss...	2.03	.....	24,015 00	12,007 50	5/26/02	100	10/23/04	2.06	12-14	18-26	14.82
103	Wash...	1.31	.....	10,142 00	5,071 50	5/ 7/02	100	11/19/02	1.35	16	23	12.36
104	Wash...	1.25	.....	10,850 00	5,425 00	5/13/02	100	10/ 9/02	1.25	16	26	11.70
105	Scho sec	0.35	.....	2,460 00	1,230 00	5/19/02	100	12/12/02	0.35	16-14	22-26	2.90
106	Scho sec	0.13	.....	1,225 00	612 50	5/19/02	100	12/12/02	0.13	16	28	1.24
107	Mont...	3.04	.....	36,545 00	18,272 50	5/12/02	100	4/11/04	3.04	14-16	17-22	33.72
108	Mont...	3.25	.....	31,233 87	17,146 94	5/12/02	100	9/12/04	3.25	14-16	14-26	36.16
109	Fulton...	2.30	.....	17,681 54	8,840 77	5/20/02	100	9/20/04	2.30	14	20	18.48
110	Fulton...	2.25	.....	17,316 50	8,658 25	5/20/02	100	11/30/03	2.25	14	24	18.48
111	Cort...	0.75	.....	6,100 00	3,050 00	5/20/02	100	10/14/03	0.75	12	20	5.28
112	Chen...	4.84	.....	40,900 00	20,450 00	5/20/02	100	8/ 4/03	4.84	12	20	34.08
113	Orange...	2.29	.....	23,693 14	11,846 57	6/20/02	100	12/28/06	2.29	12-16	22	17.44
114	Orange...	1.21	.....	4,106 80	2,053 40	6/20/02	100	9/17/03	1.21	10-5	16	8.53
115	Orange...	2.51	.....	31,117 00	12,930 00	9/20/02	100	12/28/06	2.51	16	24	28.5
*116A	Ulster...	4.14	.....	44,065 00	22,032 50	5/ 9/02	100	11/30/03	3.57	14	18-20	4.51
116B	Ulster...	0.84	.....	8,635 00	4,317 50	5/19/02	100	7/15/03	0.57	14	18-20	29.2
117	Ulster...	5.09	.....	55,100 00	27,550 00	5/15/02	100	8/ 4/04	0.84	14	18-20	7.9
118	Ulster...	4.00	.....	34,787 00	17,378 50	5/20/02	100	12/21/03	5.09	12-14	20-22	44.4
119	Albany...	3.92	.....	37,500 00	18,750 00	7/25/02	100	12/14/03	4.00	14	20	33.1
120	Mont...	4.14	.....	36,546 70	18,273 35	5/27/02	100	7/21/03	3.92	16	22	36.8
121	Onon...	1.16	.....	10,050 00	5,025 00	5/12/02	100	12/23/02	1.16	14	24	33.9
122	Onon...	1.00	.....	9,500 00	4,750 00	5/18/02	100	10/28/04	1.00	16	24	10.8
123	Cort...	1.23	.....	8,492 33	4,246 17	5/20/02	100	1/19/03	1.23	12	20	9.4
124	Albany...	1.84	.....	14,412 06	7,206 03	8/ 9/02	100	12/23/02	1.84	14	20	15.1
125	Broome...	2.93	.....	28,900 00	14,400 00	7/ 2/02	100	8/ 6/03	2.93	16	22-24	27.4
126	Broome...	1.95	.....	19,260 88	9,630 44	7/28/03	100	1/11/03	1.95	12-16	24-26	16.1
127	Broome...	2.06	.....	24,532 71	12,266 36	7/28/03	100	8/17/04	2.06	16	26	19.1
128	Erie...	5.57	.....	63,567 13	31,783 57	7/ 6/03	100	5/23/05	5.57	16	22-30	52.1
129	Erie...	3.02	.....	26,013 00	13,006 50	6/22/03	100	8/17/04	3.02	16	22	28.1
130	Erie...	5.62	.....	33,181 08	19,090 54	7/10/03	100	5/23/05	5.62	16	22-30	54.1
131	Erie...	6.58	.....	50,739 61	25,369 81	7/10/03	100	9/ 6/05	6.58	16	22	59.1
132	Onon...	1.13	.....	9,600 00	4,800 00	7/30/03	100	10/28/04	1.13	16	26	10.1
133	Herk...	2.29	.....	19,504 65	9,752 32	6/10/03	100	12/23/03	2.29	14	24	18.1
134	Broome...	2.17	.....	21,716 20	10,858 10	7/29/04	100	5/24/05	2.17	12-16	24-26	19.1
135	Dutch...	3.34	.....	31,801 91	15,900 96	6/ 9/03	100	8/ 4/04	3.34	14	24	27.1
136	Clinton...	1.75	.....	14,013 00	7,006 50	6/23/03	100	11/30/03	1.75	16	25-8	16.1
137	Clinton...	4.52	.....	36,010 36	18,005 18	6/16/03	100	10/28/04	4.52	16	25-6	42.1
138	Clinton...	7.57	.....	*64,786 89	32,393 45	6/16/03	100	10/24/05	7.57	14-16	24-26	63.1
139	Oneida...	1.25	.....	10,499 39	5,249 70	6/24/03	100	9/ 6/05	1.25	12-16	24-26	8.1
140	Oneida...	2.29	.....	15,600 00	7,800 00	10/ 9/03	100	8/ 4/04	2.29	12-16	24-26	18.1
141	Ulster...	6.78	.....	63,826 96	31,913 48	6/16/03	100	9/13/05	6.20	12-14	24	45.1
†142	Ulster...	2.85	.....	39,317 12	19,658 56	6/18/03	100	1/11/05	0.33	12	24	3.1
143	West...	3.14	.....	30,430 00	15,215 00	6/15/03	100	12/21/03	0.25	12	24	1.1
144	West...	5.23	.....	47,333 07	23,666 54	7/19/03	100	6/12/05	1.82	14	26	1.1
145	Dela...	1.00	.....	6,240 00	3,120 00	7/23/03	100	7/26/04	1.03	16	22-26	3.1
146	Ontario...	5.62	.....	40,626 79	20,313 40	6/15/03	100	8/ 4/04	1.00	16	22-26	4.1

* See list by counties. † Changed from original plans. † Including \$3,505.88 spent under 108A for culvert. State paid one-half. † Including \$8,608.04 spent under 138A for patching. State paid one-half.

1898 TO DECEMBER 31, 1918—(Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sst.	4	Grn.	12	Sec. water	8,580	1916	0.34	Brick	100	
Sst.	4	Grn.	12	Sec. water	8,120	1917	1.50	2 1/2" MM-2	101	
Tr.	3	Tr.	3	Li. Sc. water	0.749	1917	1.56	1 1/2" Bit. Mac	102	
Lo. St.	3	Lo. St.	3	Sec. water	0.606	1916	0.50	Brick	103	
Lo. St.	3	Lo. St.	3	Sec. water	0.617	1910	1.25	Bit. Mac	104	
Li.	3	Li.	3	Li. Sc. water	0.643	1908	0.13	WB. Mac	105	
Lo. St.	3	Lo. St.	3	Sec. water	0.673	1908	0.13	WB. Mac	106	
Lo. St.	3	Lo. St.	3	Sec. water	0.621	1916	3.64	3" WB. Mac	107	
Li.	4	Tr.	2	Li. Sc. water	0.673	1910	2.55	Bit. Mac	108	
Lo. St.	3	Lo. St.	3	Sec. water	0.647	1912	2.30	Bit. Mac	109	
Fld.	3	Fld.	3	Sec. water	0.640	1910			110	
Lo. Sst.	4	Tr.	2	Sec. water	8,130	1910	4.84	WB. CO	111	
App. St.	4	Tr.	2	Sec. water	8,450	1910	2.29	2 1/2" Bit. Mac	112	
Lo. Fld.	3	Lo. Fld.	3	Sec. water	10,340	1916			113	
		Sb.	6		0.127	1916		Sulphite	114	
		Grv.	6	Water	0.157	1915	0.70	Bit. Mac	115	
						1917	1.81	FCon		
Tr.	4	Tr.	2	Sec. water	0.712	1909	2.67	WB. Mac	*116A	
Lo.	4	Tr.	2	Sec. water	0.697	1910	1.47	Bit. Mac		
Tr.	4	Tr.	2	Sec. water	0.693	1910	0.87	Bit. Mac	116B	
Lo. St.	3	Lo. St.	3	Sec. water	0.567	1910		HO	117	
Lo. St.	3	Lo. St.	3	Sec. water	0.562	1910	2.20	Bit. Mac	118	
Sst.	3	Sst.	3	Sec. water	0.687	1910	0.83	3" Bit. Mac	119	
Lo. St.	3	Lo. St.	3	Sec. water	0.614	1917	1.66	Bit. Mac		
Lo. St.	4	Li.	2	Sec. water	8,660	1912	4.14	Bit. Mac	120	
Lo. St.	4	Li.	2	Sec. water	0.647	1910	1.16	WB. Mac	121	
Lo. St.	4	Li.	2	Sec. water	6,900	1914	1.00	Bit. Mac	122	
Lo. St.	3	Lo. St.	3	Lo. Sc. water	0.590	1912		Oiled	123	
Lo. St.	4	Tr.	2	Sec. water	9,830	1915		Oiled	124	
Lo. St.	4	Tr.	2	Li. Sc. water	0.777	1917	2.48	Bit. Mac	125	
Lo. St.	4	Tr.	2	Sec. water	11,910	1917	0.48	4" Scon 2" Fcon		
Fld.	4	Tr.	2	Sec. water	9,618	1914	1.97	3" Bit. Mac	*126	
Li. Sst.	4	Tr.	2	Li. Sc. water	8,630	1914	2.06	Bit. Mac	127	
					0.769	1909	5.87	Brick	128	
					8,630	1917	1.90	6" FCon	129	
					0.690	1917	1.12	FCon		
Li.	4	Li.	2	Sec. water	6,790	1912	2.00	Brick	130	
						1914	3.4"	Concrete		
Li.	4	Li.	2	Li. Sc. water	7,710	1910	0.40	Bit. Mac		
Li.	4	Tr.	2	Sec. water	8,490	1915	3.15	Bit. Mac	131	
Lo. St.	3	Lo. St.	3	Sec. water	9,540	1912	1.13	Bit. Mac		
Lo. St.	4	Tr.	2	Li. Sc. water	0.666	1912	2.27	Bit. Mac	132	
Lo. St.	4	Tr.	2	Sec. water	10,290			Oiled	133	
Lo. St.	3	Lo. St.	3	Sec. water	8,810			Oiled	134	
Lo. St.	3	Lo. St.	3	Sec. water	8,910			Oiled	135	
Lo. St.	3	Lo. St.	3	Sec. water	0.575	1910		Oiled	136	
Lo. St.	3	Lo. St.	3	Sec. water	0.693	1910	3.30	Bit. Mac	137	
Lo. St.	3	Lo. St.	3	Sec. water	9,380	1910	1.22	Oiled		
Lo. St.	4	Li.	2	Sec. water	10,035	1910	4.00	Bit. Mac	138	
Lo. St.	4	App. St.	2	Sec. water	6,810	1915	3.57	Oiled		
Lo. St.	3	Lo. St.	3	Sec. water	0.757	1916	1.04	Bit. Mac	139	
Lo. St.	5	Lo. St.	3	Sec. water	0.958	1917	0.11	2" Bit. Mac		
Lo. St.	6	Lo. St.	3	Sec. water	1,119	1912	0.38	Bit. Mac	140	
Lo. St.	6	Tr.	3	Sec. water	15,890	1917	0.74	MM-2		
Lo. St.	3	Tr.	3	Sec. water	0.597	1910	1.00	Bit. Mac	141	
Lo. St.	3	Lo. St.	3	Sec. water	11,270	1915	1.82	3" x 3" B. M.	*142	
Lo. St.	3	Lo. St.	3	Sec. water	10,290	1915	1.01	" B. M. on C.		
Lo. St.	3	Lo. St.	3	Sec. water	0.581	1910	3.13	Bit. Mac	143	
Grv.	4	Grv.	2	Sec. water	6,240	1910	5.23	Bit. Mac	144	
						1910	1.00	Bit. Mac	145	
						1909	2.64	Bit. Mac		
Li. or Grn.	4	Li. or Grn.	2	Li. Sc. water	7,220	1917	1.57	Bit. Mac	146	
						1914	1.42	Concrete		

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
147	Jeff....	3.02	.....	\$26,700 00	\$13,350 00	8/ 7/03	100	10/28/04	3.92	12, 14	14, 24	28, 016
148	West..	3.48	.....	\$34,272 91	17,136 45	6/16/03	100	8/ 4/05	3.08 0.42	12 12	24 24	21,582 2,933
149	West....	6.62	.....	51,232 71	25,616 36	6/16/03	100	10/28/04	6.62	12	20	46,824
150	West....	3.27	.....	\$36,017 17	18,008 59	6/14/03	100	12/21/07	3.27	12, 14	24	22,956
151	West....	5.99	.....	62,104 62	31,052 31	6/19/03	100	12/26/07	5.99	12	24	42,016
152	Mont..	2.56	.....	\$22,600 00	11,300 00	6/20/04	100	10/29/04	2.50	10, 10	26	23,467
153	Orange..	13.36	.....	94,438 00	47,219 00	6/24/03	100	6/20/06	8.18 5.18	12 12	24	57,562 36,456
154	Orange..	.....	.....	57,001 94	28,500 97	6/24/03	100	10/15/14	11.25	12	24	79,158
154A	Orange..	.....	.....	28,963 80	14,481 90	7/20/06	100	10/15/07	11.34	12	24	79,855
154	Oran..	11.34	.....	85,965 74	42,982 87	.....	100	.....	11.34	12	24	79,855
154A	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
154B	Orange..	0.17	.....	16,192 00	4,048 00	1/20/08	100	10/10/08	0.17	16	26	1,600
155	Mont..	2.49	.....	24,016 77	12,008 39	6/20/03	100	10/28/04	2.49	16	26	23,404
156	Orange..	3.04	.....	26,223 62	13,111 81	7/15/04	100	12/14/06	3.04	14	22	24,962
157	Orange..	3.48	.....	22,300 00	11,150 00	7/20/06	100	1/ 3/08	3.48	11 1/2	22	34,320
158	Mont..	0.70	.....	7,565 00	3,782 50	9/ 1/06	100	11/ 8/07	0.70	14	28	5,734
159	Orange..	3.49	.....	15,845 90	7,922 95	6/15/04	100	9/13/05	2.11 1.38	..... 16	26	19,179 12,167
160	Orange..	8.38	.....	50,879 44	25,439 72	6/18/04	100	12/19/06	4.96 3.42	14 14	22	40,750 28,082
161	Orange..	8.61	.....	75,825 50	37,912 75	6/18/04	100	1/ 3/08	7.30 1.31	12 1/2 14	24	61,408 10,768
162	Otsego..	1.39	.....	11,860 57	5,930 29	6/ 9/04	100	9/13/05	1.39	14	24	11,413
163	Schenec..	1.71	.....	14,907 00	7,453 50	6/17/04	100	10/28/04	1.71	16	26	15,936
164	Dela..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
165	Monroe..	2.06	.....	14,972 33	7,486 19	6/14/04	100	7/15/05	2.06	16	24	19,980
166	Monroe..	3.64	.....	\$29,500 01	14,550 01	6/17/01	100	12/17/06	3.40 0.24	16 14	26	31,850 1,984
177	Monroe..	5.31	.....	\$33,070 45	16,535 22	6/17/04	100	10/11/05	4.74 0.57	12-16 14	22-28 16	34,032 4,692
168	Monroe..	3.32	.....	34,800 00	17,400 00	6/17/04	100	7/14/05	2.87 0.75	14-16 15, 16	20-26 22-26	23,797 6,693
169	Monroe..	4.02	.....	21,012 75	10,506 38	6/18/04	100	12/18/06	4.02	12	18	29,070
170	Monroe..	2.88	.....	15,374 36	7,687 18	6/17/04	100	6/20/06	2.88	12	18	20,686
171	Monroe..	2.00	.....	14,398 92	7,199 46	6/14/04	100	11/ 3/04	2.00	16	24	19,404
172	Monroe..	6.71	.....	7,391 20	3,695 60	10/13/04	100	7/16/06	0.71	16	40	6,750
173	Monroe..	1.00	.....	9,069 86	4,534 93	10/13/04	100	6/20/06	1.00	16	28	9,243
174	Broome..	2.17	.....	22,500 00	11,250 00	6/16/04	100	12/ 5/06	2.17	16	24-28	20,320
175	Broome..	1.83	.....	13,492 10	6,746 05	6/16/04	100	6/20/06	1.83	12	18	12,887
176	Albany..	2.31	.....	22,978 44	11,489 22	7/26/03	100	6/20/06	2.31	13-16	19-32	21,591
177	Albany..	5.00	.....	46,962 70	23,481 35	6/ 9/04	100	6/20/06	5.00	14, 16	24-26	45,612
178	Albany..	7.36	.....	\$93,400 00	48,200 00	6/ 8/04	100	12/31/06	7.36	12	26	51,795
179	Schenec..	2.36	.....	30,930 03	15,465 02	6/17/04	100	6/20/06	2.36	16	32	22,025
180	Mont..	2.82	.....	\$27,100 00	13,550 00	6/17/03	100	8/28/05	2.82	16	25	26,406

* See list by counties. † Changed from original plans.

‡ Including \$162.38 spent under 166A for patching. \$81.19 paid by State.

§ Including \$4,300.00 spent under 150A for patching. \$2,150.00 paid by State.

|| Including \$3,094.45 spent under 178A for maintenance stone etc. One half paid by State.

1938 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
1. S.	4	Lo. St.	2	Sc. water	0.553	8,230	1912	3.28	Bit. Mac.	147
1. S.	3	Lo. & Sa.	4	Sc. water	0.679	11,440	1913	0.64	Brick	148
1. S.	5	Lo. & Sa.	4	Sc. water	0.890	13,420	1909	1.20	W. B.	
1. S.	3	Lo. St.	3	Sc. water	0.625	9,190	1910	2.28	Bit. Mac.	
1. S.	3	Lo. St.	3	Sc. water	0.625	9,190	1914	0.40	WB. Mac.	149
1. S.	3	Lo. St.	3	Sc. water	0.704	12,975	1909	4.09	WB. Mac.	
1. S.	3	Lo. St.	3	Sc. water	0.704	12,975	1910	2.12	Bit. Mac.	
1. S.	3	Lo. St.	3	Sc. water	0.540	11,660	1911	3.27	Bit. Mac.	150
1. S.	3	Lo. St.	3	Sc. water	0.540	11,660			Oiled	151
1. S.	3	Lo. St.	3	Sc. water	0.651	9,038	1907	2.50	WB. Mac.	152
1. S.	4	Grv. or Sh.	3	Sc. water	0.186	6,400			Oiled	153
1. S.	4	Li.	3	Sc. water	0.676	11,000			Oiled	
1. S.	6	Lo. St.	3	Sc. water	0.191	5,720			Oiled	
1. S.	6	Lo. St.	3	Sc. water	0.277	3,215			Oiled	154
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	154A
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	154
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	154A
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	154B
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	155
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	156
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	157
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	158
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	159
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	160
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	161
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	162
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	163
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	164
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	165
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	166
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	167
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	168
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	169
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	170
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	171
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	172
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	173
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	174
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	175
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	176
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	177
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	178
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	179
1. S.	6	Lo. St.	3	Sc. water	0.470	8,926			Oiled	180

Spending \$719.57 spent under 149A for patching. One half paid by State.
 Spending \$3,257.01 spent under 152A for patching etc. One half paid by State.
 Spending \$871.45 spent under 167A for patching. One half paid by State.
 Spending \$921.97 spent under 181A for patching. One half paid by State.

APPENDIX A — COUNTY HIGHWAYS JANUARY 1

See page 186 for explanation.

Highway No.	County	MILES		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
181	Jeff.....	6.04		\$47,848 30	\$23,924 15	7/16/04	100	9/13/05	4.37	12	26	30.71
182	Jeff.....	2.97		30,645 57	15,322 79	7/14/04	100	7/16/06	1.67	12	26	11.77
183	Jeff.....	3.02		21,900 00	10,950 00	6/18/04	100	9/13/05	2.97	12	24	20.81
184	Jeff.....	2.95		21,321 45	10,660 73	6/16/04	100	9/13/05	3.02	12	26	21.29
185	Jeff.....	1.00		10,079 15	5,039 58	6 16 04	100	4 11 07	2.95	12	26	20.81
186	Jeff.....	0.99		6,839 09	3,400 00	10/19/04	100	6/29/06	1.00	12-16	26	7.0
187	Ontario..	1.72		15,517 26	7,758 63	6/11/04	100	6/12/05	0.99	12-16	26	8.2
188	Ontario..	4.83		39,409 56	19,749 78	7/14/04	100	12/ 7/06	1.72	12, 16	24-28	13.8
189	Ontario..	1.29		11,092 66	5,546 33	5/10/04	100	6/20/06	4.83	12	20	33.9
190	Ontario..	2.37		13,700 00	6,850 00	6/10/04	100	12/ 7/06	1.29	12	20	9.1
191	Ontario..	4.53		38,063 82	19,031 41	6/17/04	100	12/17/06	2.37	12	24	16.6
192	Albany...	3.54		38,318 75	19,159 37	6/ 9/04	100	7/16/06	4.53	12	18	31.5
193	Albany...	8.11		84,314 92	42,157 46	6/11-04	100	12/ 5 09	3.54	14, 16	24	28.7
194	Renss...	1.49		15,047 55	7,523 78	6/10/04	100	9/21/05	8.11	14, 16	26	73.4
195	Renss...	4.01		33,773 72	16,886 85	1/23/04	100	12/ 5/06	1.49	14	24	12.1
196	Renss...	3.02		16,521 70	8,260 85	6/23/04	100	12/ 5/06	4.01	14	24	33.1
197	Renss...	3.33		33,440 95	16,720 48	6/13/04	100	8/25/05	3.02	16	21	25.1
198	Albany...	6.53		71,100 00	35,550 00	6/ 9/04	100	12/ 5/06	3.33	12, 16	24	27.1
199	Albany...	7.87		66,730 33	33,365 17	6/ 9/04	100	6/20/06	4.59	12, 16	22	33.1
200	Renss...	2.75		26,244 31	13,122 16	7/12/04	100	9/13/05	2.24	12	26	15.1
201	Renss...	3.60		33,450 00	16,725 00	6/13/04	100	1/8/07	7.87	14-20	24	25.1
202	Renss...	5.42		54,801 01	27,400 51	6/20/04	100	7/21/06	3.60	14-16	24	30.1
203	Ontario..	2.18		20,000 20	10,000 10	6/10/04	100	6/20/06	5.42	16	30	50.1
204	Ontario..	0.59		5,348 84	2,674 42	7/11/04	100	9/13/05	2.18	12, 16	20-24	16.1
205	Ont. Ya.	3.45		39,000 00	19,500 00	6/16/04	100	6/20/06	0.59	12	20	4.1
206	Ontario..	2.67		20,646 70	10,323 35	7/10/06	100	9/18/07	3.45	12	22	24.1
207	Ontario..	6.21		62,432 35	31,216 18	7/14/04	100	12/ 4/06	2.67	12	20	19.1
208	Cort.....	0.53		8,450 00	4,225 00	12/31/06	100	5/15/08	6.21	14	24	56.1
209	Broome...	0.94		7,539 68	3,769 84	6/16/04	100	6/20/06	0.53	16-20	28-35	6.1
210	Broome...	0.82		11,281 63	5,640 82	6/16/04	100	10/19/05	0.94	16	24, 28	8.1
211	Broome...	0.57		4,639 71	2,319 86	6/16/04	100	7/30/07	0.82	16, 20	23, 28	4.1
212	Broome...	1.00		8,987 86	4,493 93	6/16/04	100	7/30/07	0.57	12, 14	24	4.1
213	Broome...	2.83		31,144 44	15,572 22	6/16/04	100	12/ 5/06	1.00	12, 14	24	24.1
214	Broome...	1.86		15,011 77	7,505 89	6/16/04	100	12/ 5/06	2.83	16	28	24.1
215	Cort.....	1.99		15,412 00	7,706 00	6/13/04	100	9/13/05	1.86	12	28	11.1
216	Delaware	0.95		10,787 29	5,393 65	7/14/04	100	9/22/05	1.99	16	28	11.1
217	Delaware	1.00		9,569 47	4,784 74	7/14/04	100	9/27/05	0.95	14-30	18, 35	11.1
218	Chen.....	4.68		37,700 00	18,850 00	7/30/04	100	6/20/06	1.00	14	18, 35	11.1
219	Otego....	0.68		6,488 33	3,244 16	8/ 5/04	100	10/17/05	4.68	12	26	3.1
220	Otego....	0.98		10,732 61	5,376 31	7/14/04	100	9/13/05	0.68	14	20	2.1
221	Otego....	0.50		7,221 15	3,610 57	6/14/04	100	10/28/04	0.98	16-25	22-40	2.1
222	Dutch....	3.47		31,979 04	15,989 52	6/13/04	100	6/28/05	0.50	22	24	2.1
223	Dutch....	3.90		48,491 38	24,245 69	7/20/04	100	12/ 3/06	3.47	14-20	24	2.1
224	Chen.....	5.82		37,548 06	18,774 03	7/9/04	100	6/20/06	3.90	16	26	2.1
225	Chen.....	5.75		47,688 71	23,794 36	7/13/04	100	12/10/06	5.82	12-16	26, 28	2.1
226	Yates...	3.10		30,700 00	15,350 00	7/ 9/06	100	12/27/07	5.75	12-16	26, 28	2.1
227	Renss...	3.10		30,700 00	15,350 00	7/ 9/06	100	12/27/07	3.10	14	24, 28	2.1

* See list by counties. † Changed from original plans.

1 Including \$158.00 spent under 188A for maintenance stone. State paid one-half.

2 Including \$500.00 spent under 190A for maintenance stone. State paid one-half.

3 Including \$1,162.82 spent under 191A for patching etc. State paid one-half.

4 Including \$744.50 spent under 196A for patching etc. State paid one-half.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
4 Li.	2	3 Sc.	water.		0.613	8,870	1909	2.19	Bit. Mac.	181
6 Li.	3	3 Sc.	water.		0.862	11,210	1910	3.85	Bit. Mac.	181
4 Grn.	2	3 Sc.	water.		0.805	12,480	1909	2.76	Bit. Mac.	182
4 Lo. St.	2	3 Sc.	water.		0.592	8,640	1912	3.03	Bit. Mac.	183
4 Li.	2	3 Sc.	water.		0.613	8,654	1913	2.95	Bit. Mac.	184
4 Li.	3	3 Sc.	water.		0.684	11,615	1909	1.00	WB. Oiled.	185
4 Li.	2	3 Sc.	water.		0.532	7,394	1910	1.00	Bit. Mac.	186
3 Li. or Grn.	2	3 Sc.	water.		0.708	9,910	1909	1.72	Bit. Mac.	187
3 Li. or Grn.	3	3 Sc.	water.		0.704	9,920	1910	2.46	Bit. Mac.	188
3 Li. or Grn.	3	3 Sc.	water.		0.712	11,000	1910	2.28	WB. Mac.	189
3 Li. or Grn.	3	3 Li. Sc.	water.		0.720	9,460	1910	0.09	Bit. Mac.	190
3 Li. or Grn.	3	3 Lo. Sc.	water.		0.667	10,410	1910	4.55	WB. Mac.	191
2 Li.	3	3 Sc.	water.		0.537	11,400	1917	2.75	WB. Mac.	192
3 Tr.	Av. 4	3 Sc.	water.		0.709	10,330	1917	3.50	3" Bit. Mac.	193
3 Lo. St.	3	3 Sc.	water.		0.616	10,520	1910	1.49	WB. Oil.	194
2 Lo. St.	3	3 Lo. Sc.	water.		0.686	10,330	1913	4.01	Grv. Con. (d) BT	195
Grv.	Av. 6	3 Sc.	water.		0.217	5,760			Oiled	196
3 Tr.	3	3 Lo. Sc.	water.		0.655	10,330	1916	1.60	3" WB. Mac.	197
3 Li.	3	3 Sc.	water.		0.698	13,655	1918	1.73	2" Bit. Mac.	198
3 Lo. Bl.	3	3 Sc.	water.		0.317	10,176	1917	2.41	WB. Mac.	199
11 Lo. St.	3	3 Sc.	water.		0.576	9,840				200
3 Li.	3	3 Li. Sc.	water.		0.649	9,590	1916	2.75	3" WB. Mac.	201
3 Lo. St.	3	3 Lo. Sc.	water.		0.580	9,090	1917	3.11	3" WB. Mac.	202
3 Tr.	3	3 Sc.	water.		0.757	9,770	1914	0.39	WB. Mac.	203
3 Li.	3	3 Sc.	water.		0.642	11,570	1914	0.51	Brick	204
3 Li.	3	3 Sc.	water.		0.720	11,000	1915	4.52	Bit. Mac.	205
3 Li.	3	3 Sc.	water.		0.648	13,240	1910	2.20	Bit. Mac.	206
6 Grn.	1	3 Sc.	water.		0.751	9,875	1910	0.59	Bit. Mac.	206
3 Li.	3	3 Sc.	water.		0.665	9,050	1918	2.45	Oiled	207
4 Tr.	2	3 Sc.	water.		0.996	13,280	1914	1.75	Concrete	208
4 Li.	2	3 Sc.	water.		0.610	8,070	1918	1.00	Brick	209
4 Li.	2	3 Sc.	water.		0.633	13,065	1915	0.60	Brick	210
4 Li.	2	3 Sc.	water.		0.621	9,280	1917	2.86	2 1/2" Bit. Mac.	211
4 Li.	2	3 Sc.	water.		0.658	10,320			Oiled	212
4 Li.	2	3 Sc.	water.		0.596	11,010			Oiled	213
4 Li.	2	3 Sc.	water.		0.575	9,900			Oiled	214
4 Li.	2	3 Sc.	water.		0.602	7,670	1913	2.00	WB. Mac.	215
3 Lo. St.	3	3 Sc.	water.		0.542	9,900	1915	0.95	Bit. Mac.	216
3 Lo. St.	3	3 Sc.	water.		0.556	9,770	1917	0.97	3" Bit. Mac.	217
4 Li.	2	3 Sc.	water.		0.561	9,380	1914	0.81	Bit. Mac.	218
3 Li.	3	3 Sc.	water.		0.648	8,885	1910	1.87	WB. HO.	219
2 Lo. St.	3	3 Sc.	water.		0.575	10,700	1912	2.00	Bit. Mac.	220
6 Lo. St.	3	3 Sc.	water.		0.908	14,080	1917	0.63	3" WB. Oil.	221
4 Li.	2	3 Sc.	water.		0.785	11,749	1909		Oiled	222
2 Lo. St.	3	3 Sc.	water.		0.605	9,690			Oiled	223
6 Tr.	2	3 Sc.	water.		0.830	12,380	1915	1.53	Bit. Mac.	224
4 Lo. St.	2	3 Sc.	water.		0.430	8,000	1916	1.80	2" Bit. Mac.	225
4 Li.	2	3 Sc.	water.		0.471	8,640	1910	2.96	WB. Mac.	226
4 Li.	2	3 Sc.	water.		0.471	8,640	1912	1.86	3" Bit. Mac.	227
4 Li.	2	3 Sc.	water.		0.471	8,640	1914	1.00	3" Bit. Mac.	228
4 Li.	2	3 Sc.	water.		0.471	8,640	1913	3.39	WB. Mac.	229
4 Li.	2	3 Sc.	water.		0.471	8,640	1914	1.62	Bit. Mac.	230
4 Tr.	2	3 Sc.	water.		0.802	10,890	1912	3.10	Bit. Mac.	231
4 Tr.	2	3 Sc.	water.		0.802	10,890	1912	3.10	Bit. Mac.	232

ending \$2,508.32 spent under 201A for maintenance etc. State paid one-half.
 ending \$1,237.00 spent under 185A for patching etc. State paid one-half.
 ending \$234.46 spent under 193A for patching etc. State paid one-half.
 ending \$1,143.34 spent under 202A for patching etc. State paid one-half.
 ending \$736.92 spent under 203A for patching etc. State paid one-half.

APPENDIX A — COUNTY HIGHWAYS JANUARY 1.

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
225	Ulster...	5.66		\$61,600 00	\$30,800 00	6/29/06	100	10/15/07	2.19	16	28	20,627
225A	Ulster...					11/27/06	100	10/15/07	3.47	14	24	28,467
229	Ulster...	6.88		81,500 00	40,750 00	10/1/06	100	11/4/05	6.88	14	24	56,509
230	Ulster...	8.27		88,200 00	44,100 00	7/11/06	100	8/22/08	8.27	110, 22	26-28	81,355
231	Ulster...	7.08		66,100 00	33,050 00	7/7/06	100	1/15/07	7.01	14-16	26	58,084
									0.07	9-31		2,691
232	Essex...	2.64		21,000 00	10,500 00	7/9/06	100	10/16/07	2.64	14	28, 30	21,683
233	Herk...	1.63		14,130 00	7,065 00	7/9/06	100	12/12/07	1.63	16	26	15,336
234	Jeff...	6.89		62,150 00	31,075 00	7/7/06	100	9/21/08	6.89	12	22, 28	48,495
235	Jeff...	2.23		19,180 00	9,590 00	7/6/06	100	11/1/07	2.23	12-16	26	16,867
236	Jeff...	4.17		39,488 09	20,138 93	9/20/07	100	1/18/10	4.17	12-20	24-40	31,773
237	Jeff...	1.45		12,700 00	6,350 00	7/9/06	100	8/19/07	1.45	16	26	13,612
238	Jeff...	5.09		36,450 00	18,225 00	7/7/06	100	10/29/08	5.09	12	24	35,803
239	Del...	4.96		52,500 00	26,250 00	8/30/06	100	9/12/08	4.96	14, 16	18, 26	41,640
240	Saratoga	1.00		32,950 00	16,475 00	7/3/06	100	1/27/08	1.00	15	35	9,082
241	Saratoga	4.36		36,730 00	18,365 00	7/13/06	100	7/—/08	4.36	16	32	40,704
242	Saratoga	1.23		9,410 00	4,705 00	7/13/06	100	12/21/07	1.23	14	26	10,272
243	Saratoga	1.84		27,700 00	13,850 00	7/9/06	100	10/27/08	1.72	16	28	16,118
									0.12	16	28	1,100
244	Saratoga	6.01		59,550 00	29,775 00	7/9/06	100	8/20/08	6.01	14	24, 26	49,032
245	Onond...	1.21		15,567 32	8,717 70	9/20/07	100	7/29/09	1.21	12	22-26	8,604
246	Fulton...	2.03		18,850 00	9,425 00	7/12/06	100	1/16/08	2.03	14, 16	24, 26	18,112
247	Fulton...	4.62		42,445 00	21,222 50	7/9/06	100	12/1/08	4.62	12, 14	22-26	34,250
248	Fulton...	2.01		17,980 00	8,990 00	9/1/06	100	10/8/08	2.01	12	24	14,167
249	Fulton...	3.14		28,000 00	14,000 00	7/6/06	100	10/29/07	3.14	14	24	25,783
									1.22	23	25	17,160
250	Oneida...	8.47		154,063 00	62,931 50	7/10/06	100	1/3/08	4.61	16	30-32	43,321
									2.64	16	32	24,800
251	Niagara	3.15		18,379 79	9,189 90	7/5/06	100	10/19/08	3.15	12	20	22,524
252	Monroe	2.92		21,623 00	10,811 50	7/11/06	100	6/3/07	2.92	12	20	21,144
253	Monroe	2.12		21,701 57	10,850 78	7/11/06	100	11/20/07	2.12	16, 20	26, 38	21,941
254	Monroe	3.11		27,700 00	13,850 00	7/11/06	100	10/18/08	3.11	16	26	29,400
255	Monroe	2.55		23,725 00	11,862 50	7/11/06	100	12/19/08	0.63	16	25	6,900
									1.92	16	25	18,036
256	Monroe	3.60		28,365 96	14,182 98	7/13/06	100	1/5/08	3.67	16	28	35,073
257	Monroe	3.36		26,250 00	13,125 00	7/11/06	100	9/17/07	3.36	16	28	32,736
258	Clinton	5.44		52,020 00	26,010 00	7/—/06	100	1/3/08	5.44	14, 16	30-34	45,280
259	Clinton	7.34		64,446 00	32,223 00	7/6/06	100	12/21/07	7.34	14	28	60,286
260	Clinton	4.31		42,960 00	21,480 00	5/1/06	100	10/—/08	4.31	14	26, 28	35,400
261	West...	5.86		50,150 00	25,075 00	7/6/06	100	11/21/08	5.86	14, 16	24, 32	48,384
262	West...	4.66		36,744 24	18,372 12	7/6/06	100	11/16/08	4.66	14	24	38,256
263	Erie...	4.23		42,400 00	21,200 00	7/18/06	100	8/13/08	1.07	16	24-26	10,075
									3.16	16	24-26	29,621
264	Erie...	0.74		6,824 24	3,412 12	7/10/06	100	1/5/08	0.74	16	22-32	6,899
265	Broome	2.78		30,000 00	15,000 00	7/12/06	100	8/—/08	2.73	14	27	22,867
266	Broome	1.67		14,670 00	7,335 00	7/12/06	100	8/—/08	1.67	12	26, 32	11,990
267	Broome	5.84		60,250 00	30,125 00	7/12/06	100	6/15/08	5.84	12	24, 26	41,180
268	Broome	1.00		10,629 79	5,314 90	7/12/06	100	7/30/07	1.03	12, 16	26, 28	7,588
269	Monroe	4.30		28,670 50	14,335 25	7/11/06	100	1/5/08	4.30	12	20	31,008
270	Nassau...	1.16		11,728 34	5,864 17	7/10/06	100	9/—/07	1.03	16	32	9,582
									0.14	—	—	—
271	Oneida...	8.50		99,700 00	49,850 00	9/15/06	100	10/15/08	4.03	16	32	37,828
									4.02	16	32	37,774
272	Erie...	1.21		13,700 00	6,850 00	7/10/06	100	1/10/07	1.21	16	28	12,132
273	Seneca...	1.30		17,250 00	8,625 00	12/4/07	100	11/17/08	1.30	16	26	12,366
274												
275	Broome	1.75		15,990 08	7,995 04	7/12/06	100	2/13/08	1.75	12	24, 26	12,365
276	Broome	3.00		33,717 00	16,858 50	6/12/06	100	12/—/08	3.00	12	24	21,164
	Monroe	4.14		39,200 00	19,600 00	7/13/06	100	9/16/07	4.14	16	22	40,212
277	Hamilt	3.44		31,131 54	15,565 77	7/12/06	100	4/—/10	3.44	12	26	24,217
278	Oswego...	2.41		25,939 06	15,822 83	9/20/07	100	11/35/08	2.41	16	26	22,842
279	Oswego...	2.48		26,963 67	14,290 75	9/20/07	100	11/—/08	2.48	16	28	23,436
280	Oswego...	1.60		17,062 12	8,531 06	9/18/06	100	1/10/03	1.65	16	20	14,337

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAYMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Lo. St.	4	Lo. St.	4	water	0.706	12,220	1915	4.82	Bit. Mac.	228
Lo. St.	3	Lo. St.	3	water	0.540	10,670	1914	0.84	Bit. Mac.	228A
Li.	3	Li.	3	water	0.581	12,700			Oiled	229
Lo. St.	3	Lo. St.	3	water	0.591	10,390			Oiled	230
App. St.	3	App. St.	3	water	0.604	9,930	1917	3.81	3" Bit. Mac.	231
S Con.	6	Brick	4		2.800	30,540				
Lo. St.	3	Lo. St.	3	water	0.658	8,700	1913	2.64	Bit. Mac.	232
Lo. St.	3	Tr.	3	water	0.609	8,620	1914	1.64	Bit. Mac.	233
Lo. St.	4	Li.	3	water	0.587	10,400				234
Lo. St.	4	Gn.	3	water	0.810	10,075	1912	2.23	Bit. Mac.	235
Gn.	4	Gn.	2	sc. water	0.608	10,588			Oiled	236
Lo. St.	4	Li.	2	water	0.640	8,738	1912	1.45	Bit. Mac.	237
Lo. St.	4	Li.	3	water	0.564	8,565	1917	3.00	24" Bit. Mac.	238
Lo. St.	3	Lo. St.	3	water	0.577	11,170				239
Grv. Con.	6	Brick	4		2.088	32,160				240
Lo. St., or Tr.	3	Lo. St.	3	water	0.651	5,355	1912	1.27	Bit. Mac.	241
Lo. St.	3	Lo. St.	3	water	0.649	8,320	1912	3.09	Bit. Mac.	242
Lo. St.	4	Li.	3	water	0.631	15,350	1914	1.23	Bit. Mac.	243
S Con.	6	Brick	4		2.750	3,210		0.16	Brick	243
Lo. St.	3	Tr., Li.	3	water	0.746	10,820	1914	4.70	Bit. Mac.	244
							1915	1.31	Bit. Mac.	244
Lo. Li.	4	Lo. Li.	2	water	0.715	14,485			Oiled	245
Lo. St.	3	Lo. St.	3	water	0.682	9,632			Oiled	246
Lo. St.	3	Sy.	3	water	0.603	10,405	1912	3.14	Bit. Mac.	247
App. St.	3	App. St.	3	water	0.705	10,730			Oiled	248
Lo. St.	3	Lo. St.	3	water	0.645	9,767	1914	3.14	Bit. Mac.	249
T Con.	6	App. St.	3	Asp. (7) M. M	1.850	24,905	1914	2.56	Bit. Mac.	250
Lo. St.	3	Lo. St. 2Gnl	3	water	0.844	15,455	1917	2.02	Bit. Mac.	250
Lo. St.	4	Lo. St.	3	water	0.753	14,035	1917	2.72	2" MM-2	251
Lo. Li.	3	Li.	3	water	0.625	7,540	1912	0.79	WB. Oiled	251
Fld.	3	Li.	3	water	0.621	9,430			Oiled	252
Imp. Li.	3	Li.	3	water	0.685	9,370	1916	0.80	Brick 20'-38"	253
							1917	1.32	2" BM-MM-2	254
Li. 3, App. St. 3	6	Li.	3	water	0.757	8,660	1913	1.14	Bit. Mac.	254
Li.	3	Li.	3	water	0.511	7,263			Oiled	255
Li. 3, Li. 3 f.	6	Li.	3	water	0.776	9,755			Oiled	256
Lo. St.	4	Gn.	3	water	0.593	7,880			Oiled	257
Lo. St.	4	Gn.	3	water	0.595	7,595			Oiled	258
Lo. St.	3	Lo. St.	3	water	0.620	9,540			Oiled	259
Lo. St.	3	Li.	3	water	0.669	9,570	1917	7.34	Bit. Mac.	260
Lo. St.	3	Li.	3	water	0.867	10,980			Oiled	261
Lo. St.	3	Lo. St.	3	water	0.667	9,310			Oiled	262
Lo. St.	3	Lo. St.	3	water	0.676	8,670			Oiled	263
Lo. St.	5	Li.	3	water	0.911	11,370	1914	4.23	Brick	264
Lo. St.	3	Li.	3	water	0.718	9,560			Oiled	265
Li. or Lo. St.	3	Li. or Lo. St.	3	water	0.711	9,280	1911	0.74	Brick	266
Lo. St.	3	Tr.	3	water	0.688	11,590	1915	2.78	Bit. Mac.	267
Lo. St.	3	Sy.	3	water	0.681	10,210			Oiled	268
Lo. St.	5	Lo. St.	3	water	0.924	12,480			Oiled	269
Lo. St.	4	Tr.	3	water	0.641	11,760			Oiled	270
Lo. Fld.	4	Gn.	3	water	0.615	8,590			Oiled	271
Tr.	3	Tr.	3	water	0.956	11,205			Oiled	272
Old Mac.										273
Li.	3	Sy.	3	water	0.805	12,410	1916	4.48	2" Bit. Mac.	274
Lo. St.	4	Lo. St.	3	water	0.678	11,170				275
Old Mac.					0.479		1917	4.01	BM-MM-2	276
Li.	3	Li.	3	water	0.799	10,830	1913	1.21	Bit. Mac.	277
Lo. St.	4	Li.	3	water	0.636	13,270	1914	2.10	Bit. Mac.	278
							1918	0.20	Bit. Mac.	279
Lo. St.	3	Tr.	3	water	0.621	10,680			Oiled	280
Lo. St.	5	Lo. St.	3	water	1.010	13,550	1917	0.73	F. Con.	281
Fld.	3	Li.	3	water	0.701	9,250	1914	1.62	Bit. Mac.	282
							1915	0.38	Brick	283
Gn.	3	Gn.	3	water	0.678	10,630	1913	3.44	Bit. Mac.	284
Lo. St.	4	Li.	3	water	0.786	10,760	1914	2.41	Bit. Mac.	285
Lo. St.	4	Tr.	3	water	0.761	10,875			Oiled	286
Lo. St.	4	Tr.	3	water	0.721	9,430	1914	1.66	Bit. Mac.	287

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
*281	Orange			\$68,775 00	\$32,887 80	8/30/06	100	8/24/08	7.13	12	26	50,100
282	Orange	7.13		70,400 00	35,200 00	9/ 4/06	100	11/ 2/08	5.11	12	26	36,000
283	Orange	5.11		35,440 00	17,720 00	7/ 2/06	100	7/11/08	3.61	14-20	26	33,660
284	Renss.	3.61		34,900 00	17,450 00	7/ 5/06	100	12/21/07	3.62	12	24, 26	26,471
285	Renss.	3.62		37,379 61	18,689 81	9/29/07	100	7/20/09	5.55	12	26	39,325
286	Monroe	5.55		43,750 00	21,875 00	8/30/06	100	12/23/07	4.75	112-20	26	37,620
287	Monroe	4.75										
288	Renss.	3.72		16,867 35	8,433 68	7/ 3/06	100	7/ 1/07	3.72	18	28	39,280
289	Suffolk											
290	Onond.	1.06		13,826 00	6,913 00	8/31/06	100	5/18/08	1.06	16	26	10,166
291	Onond.	0.89		11,400 00	5,700 00	10/18/07	100	12/30/08	0.89	16	26	8,424
292	Onond.	1.00		10,511 19	5,255 59	7/10/06	100	9/ 8/06	1.00	12	26	7,056
293	Onond.	1.00		9,496 34	4,748 17	7/10/06	100	8/19/09	0.33	16	26	3,060
294	Monroe	5.89		45,000 00	22,500 00	9/17/07	100	11/30/08	0.67	12	26	4,788
295	Oneida	2.78		35,100 00	17,550 00	7/10/06	100	1/16/08	5.89	12	24, 32	42,597
296	Oneida	4.50		63,504 00	31,752 00	7/10/06	100	1/22/08	2.78	16	26	26,159
297	Oneida	3.72		43,100 00	21,550 00	7/10/06	100	7/30/07	4.50	16	26	42,294
298	Mont.	2.20		16,600 00	8,300 00	7/ 9/06	100	10/29/08	3.72	16	26	34,951
299	Mont.	2.74		29,072 00	14,536 00	7/11/06	100	7/1/08	2.20	14	24	18,072
300	Mont.	1.13		10,200 00	5,100 00	7/11/06	100	12/ 3/06	2.74	12	22	19,310
301	Mont.	2.23		16,000 00	8,000 00	7/ 9/06	100	11/29/07	1.13	12	22	7,409
302	Mont.	2.00		17,300 00	8,650 00	7/ 9/06	100	1/21/08	2.23	12, 14	22	16,409
303	Mont.	2.21		21,912 00	10,956 00	9/20/07	100	10/29/08	2.00	12, 14	24	20,734
304	Mont.	5.63		61,294 19	30,773 10	9/20/07	100	7/11/10	2.21	16	24	46,328
305	Ulster	7.25		69,625 00	34,812 50	7/ 3/06	100	10/2/08	5.63	14	24-28	67,992
306	Ulster	5.66		56,000 00	28,000 00	8/29/07	100	11/ 4/08	7.25	16	22-24	10,788
307	Ulster	7.16		64,100 00	32,050 00	9/10/07	100	11/ 5/08	4.41	16	22-24	41,448
308	Ulster	4.16		52,550 00	26,275 00	1/10/08	100	11/ 2/08	7.16	14	26	58,788
309	Ulster								4.16	16	24	39,204
310	Ulster	4.25		42,367 30	21,183 65	5/ 3/11	100	1/ 8/12	1.15	14, 16	26	33,085
311	Ulster								0.28	14	26	2,333
312	Orange	4.38		41,067 00	20,533 50	9/ 4/06	100	9/21/08	4.38	12	26	30,856
313	Orange	4.88		57,400 00	28,700 00	9/ 3/07	100	10/15/08	4.88	12	22	34,326
313A	Orange	1.02		14,098 88	7,049 44	12/ 8/11	100	9/—/13	1.02	14	24, 26	8,857
314	Otego	4.37		58,900 00	29,450 00	6/30/06	100	8/22/08	4.37	16	26, 28	40,968
315	Otego	3.53		32,700 00	16,350 00	7/ 9/06	100	6/23/08	3.53	16†	24-28	34,128
316	Otego	1.26		12,750 00	6,375 00	7/10/06	100	10/28/07	1.26	16	26, 28	11,840
317	Otego	2.70		26,200 00	13,100 00	7/10/06	100	8/24/08	1.97	16	28	18,487
318	Otego	2.03		18,871 15	9,435 58	6/30/06	100	7/19/07	0.73	16	28	6,857
319	Otego	3.65		38,800 92	19,400 46	6/30/06	100	10/31/07	2.03	14	24	16,680
320	Seneca	5.74		50,467 70	25,233 85	9/18/07	100	10/11/09	3.65	16	22-32	34,134
321	Seneca	4.32		53,257 02	26,628 51	11/12/08	100	12/15/10	5.74	16	28	53,880
322	Seneca								4.32	16	26, 28	40,530
323	Seneca	3.87		37,390 70	18,695 35	2/18/10	100	8/ 8/11	3.87	16	28, 32	36,331
324	Seneca	3.20		37,366 01	18,683 00	3/25/11	100	1/19/12	3.20	16	12	22,562
325	Seneca	2.95		43,900 49	22,010 32	8/17/10	100	12/18/17	2.95	12	28	20,788
326	Seneca	4.04		51,890 03	25,945 02	6/11/12	100	11/ 8/14	4.04	14, 16	28, 30	33,428
327	Seneca											
328	Onond.	1.28		21,932 00	10,966 00	8/31/06	100	11/ 9/08	1.28	12-16	26	9,492
329	Onond.	2.31		34,400 00	17,200 00	11/23/06	100	7/21/08	1.99	12	24	13,961
330	Onond.	2.44		26,748 01	13,308 97	9/20/07	100	12/30/08	0.32	12	24	2,267
331	West.	3.88		51,894 96	25,947 48	7/20/06	100	12/—/08	2.44	14	22-28	20,295
332	West.	3.23		38,551 00	19,275 50	7/20/06	100	11/ 5/04	3.88	14, 16	26, 28	34,440
333	Ontario	1.13		9,385 93	4,692 96	7/10/06	100	12/24/06	3.23	14	24, 28	26,472
334	Ontario	1.68		15,153 43	7,576 71	7/10/06	100	8/28/07	1.13	14	24-32	9,298
335	Ontario	5.20		41,295 40	20,647 70	7/ 5/06	100	8/28/07	1.68	16	32	15,787
336	Tomp.	3.17		38,350 00	19,175 00	8/30/06	100	12/—/08	5.20	12	24, 32	38,076
337	Madison	1.58		13,245 11	6,622 55	9/20/07	100	12/—/08	3.17	12	24-28	22,912
									1.58	12	26	11,133

* See list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION						UNIT COSTS		PERCENT PAVEMENT		Highway No.	
BOTTOM		TOP			Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness	Binder							
Lo. St.	3	Lo. St.	3	So. water.	Oil (10).	0.598	10,640			Oiled	*281
Fld.	5	Li.	1	So. water.		0.584	15,140			Oiled	282
Lo. St.	3	Lo. St.	3	So. water.		0.580	9,800			Oiled	283
Lo. St.	3	Lo. St.	3	So. water.		0.620	11,120	1917	3.62	3" Bit. Mac.	284
Lo. St.	4	Grn.	3	So. water.		0.627	8,180			Oiled	285
App. St.	3	App. St.	3	So. water.		0.709	10,250	1914	0.41	Bit. Mac.	286
		Grv.	5			0.198	4,290	1916	4.34	3" WB. Mac.	287
										Oiled	288
Li.	5	Sy.	3	So. water.		0.990	12,830	1914	1.06	Brick	*289
Lo. St.	4	Li.	2	So. water.		0.722	12,910			Oiled	290
Imp. Li.	4	Li.	2	So. water.		1.055	12,965	1917	1.00	2 1/2" Bit. Mac.	291
Lo. St.	4	Li.	2	So. water.		0.808	10,025	1914	1.00	Bit. Mac.	292
Li.	4	Li.	2	So. water.	T. (17)	0.659	11,440				293
Lo. St.	4	Grn.	3	So. water.		0.631	9,040	1915	2.92	WB. Mac.	294
Lo. St.	4	Set.	3	So. water.		0.875	12,010			Oiled	295
Lo. St.	4	Tr.	3	So. water.		0.915	11,880			Oiled	296
Li.	4	Gr.	3	So. water.		0.896	11,570			Oiled	297
Lo. St.	3	Lo. St.	3	So. water.		0.623	8,357	1917	2.74	3" WB. Mac.	298
Lo. St.	3	Lo. St.	3	So. water.	0.804	12,850				Oiled	299
Lo. St.	3	Lo. St.	3	So. water.	0.875	11,383				Oiled	300
Lo. St.	3	Lo. St.	3	So. water.	0.608	8,420				Oiled	301
Lo. St.	4	Li.	3	So. water.	0.614	9,010				Oiled	302
Li.	4	Li.	3	So. water.		0.657	10,020			Oiled	303
Dol.	3	Li.	3	So. water.		0.659	12,087	1917	5.64	3" Bit. Mac.	304
Li.	3	Li.	3	So. water.		0.543	9,060			Oiled	305
Lo. St.	3	Tr.	3	So. water.		0.667	10,883				306
Lo. St.	3	Lo. St.	3	So. water.		0.571	9,983				
Set.	4	Set.	3	So. water.		0.636	9,700			Oiled	307
Set.	3	Set.	3	So. water.		0.683	12,030			Oiled	308
Set.											*309
Set.	3	Set.	3	Asp (10).	C. O. (10)	0.680	10,735	1917	0.37	3" Bit. Mac.	310
Set.	3	Set.	3	So. water.		0.566	9,570				
Lo. St.	3	Lo. St.	3	So. water.		0.593	11,204			Oiled	*311
Set.	3	Set.	3	So. water.		0.499	13,820				312
Set.	3	Set.	3	Asp. (10)		0.657	15,100				313
Lo. St.	3	Lo. St.	3	So. water.		0.602	13,480	1914	2.49	Concrete (a)	313A
								1915	1.88	Concrete (a).	314
Lo. St.	3	Lo. St.	3	So. water.		0.584	9,120			Oiled	315
Lo. St.	2	Lo. St.	3	Li. Sc. water		0.653	10,120			Oiled	316
Lo. St.	3	Tr. 7	3	So. water.		0.823	9,815	1915	2.70	Bit. Mac.	317
Lo. St.	3	Li.	3	So. water.		0.757	9,195				
Lo. St.	3	Lo. St.	3	So. water.		0.635	10,010	1915	2.03	3" Bit. Mac.	318
Li.	3	Li.	3	So. water.		0.640	10,000	1915	3.63	3" Bit. Mac.	319
Lo. St.	4	Li.	2	So. water.		0.576	8,725	1915	5.72	Bit. Mac.	320
Sub	8	Li.	3	Asp. (10)		1.061	13,060				*321
											*322
Sub. 5, App. 2	7	Li.	2	Asp. (10)		0.983	12,290			Oiled	323
Sub.	7	Li.	3	Asp. (10)		0.934	11,640			Oiled	324
(Shoulders)	7	Li.	3	Asp. (10)		0.533					
Fld.	7	Li.	3	T (17)		1.387	16,900				325
Sh.	7	Imp. Li.	3	Trn. (7)	Ber. (1)	1.239	14,150				326
											*327
Lo. St.	4	Li.	2	So. water.		0.580	18,300	1914	1.30	Bit. Mac.	328
								1914	0.03	Bit. Mac.	
App. St.	4	Li.	2	So. water.		0.753	16,900	1914	0.07	Concr-to	329
App. St.	4	Li.	2	So. water.		0.976	18,900	1915	2.21	Bit. Mac.	
Lo. St.	4	Li.	2	So. water.		0.777	11,800	1916	2.41	2 1/2" WB. Ma.	330
Grn.	3	Grn.	3	So. water.		0.837	13,800		1.5	Oiled	331
Lo. St.	3	Lo. St.	3	So. water.		0.805	12,900	1914	1.8	WB. C. O.	332
Li.	3	Li.	3	So. water.		0.628	8,010	1917	0.65	2 1/2" Bit. Ma.	333
Li.	3	Li.	3	So. water.		0.670	8,334	1915	1.61	Bit. Mac. M.M.	334
App. St.	3	Li.	3	So. water.		0.844	9,280	1913	4.5	Bit. Mac.	335
								1918	0.6	Bit. Mac.	
Lo. St.	4	Li.	2	So. water.		0.611	12,800			Oiled	336
Li.	4	Li.	2	So. water.		0.781	10,160			Oiled	337

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

see page 186 for explanation.

Highway No.	County	MILES		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
338	Tomp...	1.38		\$14,900 00	\$7,450 00	8/30/06	100	11/ 1/08	1.38	16	26	13,086
339	Madison...	3.28		30,962 00	15,481 00	9/18/06	100	12/—/08	3.28	13-16	22-26	23,971
340	Saratoga...	7.25		58,120 00	29,060 00	7/ 6/06	100	6/—/08	7.25	14	28	61,224
341	Colum...	2.60		27,600 00	13,800 00	7/ 6/06	100	8/14/08	2.60	16	26,28	24,405
342	Colum...	1.11		8,200 00	4,100 00	8/28/06	100	9/—/08	1.11	16	24	10,514
343	Dutch...	2.23		24,078 97	12,039 49	7/ 7/06	100	9/16/07	2.23	14	24,26	18,240
344	Dutch...	1.78		17,950 01	8,975 01	7/ 9/06	100	8/27/07	1.78	14	24,26	14,619
345	Mont...	4.66		42,066 08	21,033 04	12/18/07	100	7/—/10	4.66	14	24-30	38,305
346	Mont...	2.51		26,473 01	14,560 16	11/12/08	100	9/24/10	2.51	14	24	20,843
347	Mont...	2.84		36,158 00	18,079 00	11/12/08	100	1/ 1/10	2.87	14	24-30	23,280
348	Onon...	1.96		28,881 91	14,440 96	7/ 9/06	100	8/15/09	1.96	16	26	18,715
*349	Ulster...								2.98	14,16	26	27,708
350	Ulster...	7.26		95,628 28	49,019 44	2/14/10	100	9/ 9/11	3.97	14,16	26	33,282
351	Ulster...	7.80		77,240 08	42,161 18	4/17/12	100	10/20/13	0.31	16	26	2,934
352	Ulster...	1.91		24,370 09	14,778 95	4/15/12	100	1/18/13	7.80	14	24,26	64,908
									1.91	14	26	15,666
*353	Ulster...											
354	Ulster...	1.15		98,948 51	34,834 38	6/10/12	100	11/18/15	1.15	18-32	30	17,024
355	Chem...	4.48		58,000 00	29,378 10	3/ 9/08	100	12/17/08	4.48	16	26-41	42,043
356	Chem...	9.17		98,183 90	49,091 95	7/ 7/06	100	1/30/08	9.17	16-20	24-32	86,191
357	Chem...	1.57		15,754 30	7,877 15	9/13/06	100	11/ 8/07	1.57	16	28,32	14,700
358	Chem...	7.09		80,600 00	40,300 00	12/ 2/07	100	12/15/08	5.03	16	30	52,828
									1.45	16	30	13,656
359	Herk...	1.80		18,430 00	9,215 00	7/10/06	100	7/11/06	1.80	16	26	17,770
360	Herk...	0.35		4,150 00	2,075 00	7/ 2/06	100	5/—/07	0.35	10	26	3,276
361	Fulton...	2.22		23,057 70	11,528 85	7/ 9/06	100	11/13/07	2.22	16	26	20,838
362	Fulton...	1.71		20,900 00	12,122 00	9/18/07	100	10/29/08	1.71	14, 24	28	18,284
363	Fulton...	1.37		12,521 75	7,387 83	9/20/07	100	10/27/08	1.37	14	26-28	12,232
364	Albany...	3.13		27,400 00	13,700 00	7/12/06	100	11/ 2/08	3.13	14	24, 26	25,707
365	Albany...	1.90		10,847 42	5,423 71	7/ 3/06	100	10/31/07	1.90	14	24	15,605
*366	Albany...								6.49	16	24	58,173
366A	Albany...	6.84		88,900 00	44,450 00	7/11/06	100	10/12/07	0.14	16	24	1,345
									0.21	16	24	2,006
367	Albany...	6.75		62,750 00	31,375 00	7/ 6/06	100	8/27/07	6.75	14	22, 24	55,404
368	Oneida...	3.38		36,000 00	18,000 00	11/23/06	100	10/15/08	3.38	14	28	28,152
369	Oneida...	2.98		29,720 00	14,860 00	8/29/06	100	12/30/07	2.98	14	22	24,516
370	Oswego...	0.48		6,750 00	3,375 00	9/18/06	100	9/21/07	0.48	16	24-26	4,497
									2.27	42-16	24-32	27,219
*371	Erie...	5.06		158,044 00	79,022 00	7/18/06	100	12/ 1/08	2.79	15	8	11,499
									2.79	15	8	13,133
*372	Erie...	6.14		122,250 00	61,125 00	7/18/06	100	11/14/08	0.94	15	8	3,832
									5.20	15	7	4,380
										15	7	21,342
											26	24,391
373	Erie...	8.76		80,000 00	40,000 00	7/ 9/06	100	12/ 1/08	7.93	12	28	61,242
									0.83	12	28	5,867
374	Broome...	3.36		35,350 00	17,675 00	7/12/06	100	11/14/08	1.13	12	20-28	7,976
									2.23	12	26-28	15,648
375	Broome...	0.62		7,127 00	3,563 50	7/12/06	100	1/—/08	0.62	16	28	5,776
376	Fulton...	2.38		25,400 00	14,732 00	9/20/07	100	11/—/08	2.38	12	24	16,730
377	Cort...	0.40		4,000 00	2,000 00	7/10/06	100	7/30/07	0.40	16	26	3,744
378	Cort...	2.90		29,480 42	14,740 21	7/10/06	100	1.15/09	2.90	12	24, 26	27,016
379	Cort...	0.90		7,600 00	3,800 00	9/19/06	100	7/ 5/08	0.92	12	26	6,360
380	Cort...	4.39		42,300 00	21,150 00	11/14/08	100	11/—/08	4.39	12	24	21,212
381	Cort...	2.72		30,527 04	15,263 52	9/20/07	100	7/ 1/10	2.72	12-16	24, 28	20,621
382	Orange...	6.57		64,700 00	32,350 00	12/17/07	100	11/ 2/08	6.57	14	26	54,036
383	Cayuga...	2.19		21,397 32	10,698 66	7/12/06	100	3/ 1/08	2.19	16	24, 26	20,556
384	Cayuga...	3.17		30,985 07	15,492 54	5/21/08	100	12/15/08	3.17	12	24-28	22,283
385	Albany...	5.14		59,500 00	29,750 00	9/26/07	100	10/29/08	0.76	16	32	7,111
									4.38	16	32	41,095
386	Orleans...	3.47		23,040 00	11,520 00	8/31/06	100	3/ 4/08	3.47	12-16	28-32	28,931
387	Orleans...	5.69		40,880 00	20,440 00	8/31/06	100	11/21/08	5.59	12-16	26-32	40,017
									0.10	12	26-32	687

* See list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Lo. St.	4 Li.	2 Sc. water			0.572	10,700			Oiled.	338
Lo. St.	4 Li.	2 Sc. water			0.636	10,760	1915	3.29	Bit. Mac.	339
Lo. St.	3 Li.	3 Sc. water			0.607	8,580			Oiled.	340
Lo. St. 3.3	6 Tr.	1 Sc. water			0.776	10,610	1917	2.51	F. Con.	341
	Grv.	Av5			0.130	7,370				342
Lo. St.	3 Lo. St.	3 Sc. water			0.668	11,610	1913	2.23	S. Con. BT.	343
Lo. St.	3 Lo. St.	3 Sc. water			0.648	10,850			Oiled.	344
Gn.	3 Gn.	3 Sc. water			0.633	10,880			Oiled.	345
Li.	3 Li.	3 Sc. water			0.682	11,490				346
Set	3 Gn. Li.	3 Ber. (1)			0.938	13,857			Oiled.	347
Li. 4. Li. 2.	6 Sy.	12 Sc. water			1.111	14,745	1914	1.02	Brick.	348
							1914	0.94	3" Bit. Mac.	349
App. St.	4 App. St.	2 Asp. (10)			0.717	13,070				*349
App. St.	4 App. St.	3 Asp. (10)			0.802	13,870				350
App. St.	4 App. St.	3 Asp. (10)	C. O.		0.893	14,720				
Sub.	6 Sat.	3 Asp. (10)	HO (10)		0.664	10,600				351
Grv. Con(d) (24)	6		Sc. HO (10) T (17)		0.908	13,730				352
										*353
SCon(d)(1,6,24)	5 Brick(2,25)	4			2.353	45,825				354
Li.	3 Tr.	3 Sc. water			0.816	12,900			Oiled.	355
Li.	3 Li.	3 Sc. water			0.865	10,610	1915	2.35	Bit. Mac.	356
Li.	3 Tr.	3 Sc. water			0.818	9,920	1915	0.36	Hendersonian	357
Lo. St.	3 Tr.	3 Sc. water	Li. Sc.		0.843	10,630		7.03	Oiled.	358
Lo. St.	6 Tr.	3 Sc. water	Li. Sc.		1.135	13,370				359
Lo. St.	3 Gn.	3 Sc. water			0.605	9,750	1915	1.89	Bit. Mac.	
Lo. St.	3 Tr.	3 Sc. water			0.781	11,875	1914	0.85	Bit. Mac.	360
Lo. St.	3 Tr.	3 Sc. water			0.680	10,130	1913	2.22	Bit. Mac.	361
Lo. St. Ga.	3 Gn.	3 Sc. water			0.731	11,064	1914	1.12	Bit. Mac.	362
							1916	0.59	Bit. Mac. 2' 16"	363
							1913	1.37	Bit. Mac. 3'-16"	
Lo. St.	3 Lo. St.	3 Sc. water			0.558	9,390				364
Lo. St.	3 Lo. St.	3 Sc. water			0.630	9,594				365
App. St.	3 Tr. 2.1	3 Sc. water			0.673	6,320	1915	1.90	WB. Mac.	366
Lo. St.	3 Lo. St.	3 Sc. water			0.633	11,290				366A
Lo. St.	6 Lo. St.	3 Sc. water			0.967	14,930	1915	6.62	WB. Mac.	
Lo. St.	5 Lo. St.	3 Sc. water			0.855	13,830				367
App. St.	4 Li.	2 Sc. water			0.635	10,045	1916	6.75	3" WB. Mac.	
Li.	4 Li.	2 Sc. water			0.764	11,490			Oiled.	368
Lo. St.	4 Li.	2 Sc. water			0.835	11,230			Oiled.	369
Lo. St.	4 Tr.	3 Sc. water			0.962	14,190			Oiled.	370
S. Con	5 Br.	4			2.750	33,360				1371
Li.	3 Br.	4			2.160	27,830	1913	2.71	Brick.	
Li.	3 Li.	4 Sc. water	(Shoulders)		1.212	18,930				1372
Li.	4 Br.	4			2.751	30,672				
Li.	3 Li.	4 Sc. water	(Shoulders)		1.310	17,145				373
S Con. (d)	5 Br.	4			2.440	27,752				
Li.	3 Li.	4 Sc. water	(Shoulders)		0.990	14,141				374
Li.	3 Li.	3 Sc. water			0.650	9,995	1913	0.50	Ro. Asp.	
Li.	5 Li.	8 Li. Sc. water			0.840	11,780				375
Lo. St.	3 Lo. St.	3 Sc. water			0.683	10,930			Oiled.	
Lo. St.	4 Lo. St.	3 Sc. water			0.917	13,070				376
Lo. St.	3 Li.	8 Sc. water			0.681	11,420			Oiled.	
Lo. St.	3 Lo. St.	3 Sc. water			0.577	12,240	1915	2.38	Bit. Mac.	376
Lo. St.	4 Li.	2 Sc. water			0.733	10,050	1917	0.42	6" F. Con.	377
Lo. St.	4 Li.	2 Sc. water			0.671	10,240			Oiled.	378
Lo. St.	4 Li.	2 Sc. water			0.750	10,185			Oiled.	379
Fid	4 Li.	2 Sc. water			0.750	11,320	1917	4.39	24" Bit. Mac.	380
Lo. St.	4 Li.	2 Sc. water			0.820	12,750	1917	3.72	24" Bit. Mac.	381
Set	3 Tr.	3 Sc. water			0.762	10,370				382
Li.	4 Li.	2 Sc. water	T (17)		0.691	9,770	1914	1.56	Brick.	383
							1914	0.63	Bit. Mac.	384
Li.	4 Li.	2 Sc. water			0.877	11,800	1917	0.24	F. Con. -16"	
Li.	4 Li.	3 Sc. water			1.041	12,595	1912	2.21	Bit. Mac.	385
Li.	4 Li.	3 Sc. water			0.895	11,225	1913	2.90	Bit. Mac.	386
Lo. St.	3 Lo. St.	3 Sc. water			0.837	10,810	1914	3.47	WB. Mac.	
Lo. St.	3 Lo. St.	3 Sc. water			0.621	8,480	1917	5.69	3" WB. Mac.	387
Lo. St.	5 Lo. St.	3 Sc. water			0.787	10,030				

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
388	Orleans..	3.42	.....	\$25,700 00	\$12,850 00	7/ 9/06	100	8/24/08	3.42	12-30	24-32	26,680
389	Orleans..	3.08	.....	20,100 23	10,050 14	9/27/07	100	8/26/09	3.08	12	22-32	21,665
390	Orleans..	2.79	.....	18,941 41	9,470 66	9/27/07	100	8/29/09	2.79	12	24-32	19,656
391	Orleans..	4.54	.....	29,949 90	15,274 40	12/ 4/07	100	12/ 1/09	2.04	12	24-32	14,320
									2.50	12	24-32	17,600
392	Orleans..	3.34	.....	23,886 10	11,568 94	11/13/04	100	12/ 1/09	3.34	116	28-32	31,371
393	Orleans..	3.61	.....	31,893 57	15,946 78	6/ 1/10	100	1/18/11	3.61	14-16	30-32	32,287
394	Orleans..	3.25	.....	27,268 81	13,634 40	5/ 1/11	100	1/21/12	3.25	14	24	30,640
395	Orleans..	5.40	.....	47,909 28	23,954 64	5/ 1/11	100	1/23/12	5.40	12-16	22-32	47,168
396	Ontario	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
397	Mont..	6.52	.....	95,120 92	48,568 00	2/18/10	100	2/13/13	4.62	14	.....	37,940
									1.90	14	.....	15,623
									0.98	12	30	6,933
398	Monroe	2.76	.....	39,531 05	19,765 49	12/18/07	100	12/ 1/09	1.21	12	28-30	8,534
398	Orleans..	2.77	.....	.....	.....	.....	.....	.....	2.94	12	28-30	20,639
									0.40	117-18	28	4,216
399	Monroe	6.82	.....	82,000 00	41,000 00	9/19/07	100	11/23/08	2.83	16	26	26,565
									3.99	16	26	37,436
400	Monroe	0.93	.....	8,800 00	4,400 00	9/24/07	100	8/ 7/08	0.93	16	22-32	8,976
401	Monroe	1.90	.....	30,600 00	15,300 00	12/ 3/07	100	9/13/08	1.09	16	.....	10,200
									0.81	14	.....	7,032
402	Monroe	3.62	.....	28,627 00	14,313 50	12/ 4/07	100	9/ 3/08	3.62	16	24-32	34,848
403	Monroe	2.08	.....	21,300 00	10,650 00	11/26/07	100	11/—/08	1.72	14	24-32	14,156
									0.36	14	24-32	2,896
*404	Ontario	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
405	West..	2.12	.....	17,605 03	8,802 50	9/30/07	100	11/21/08	2.12	14	24	17,232
406	Onesida	3.87	.....	37,880 00	18,940 00	11/27/06	100	11/—/07	3.87	14	24	21,738
407	Schenec.	3.02	.....	37,400 00	18,700 00	9/18/07	100	10/ 2/08	3.02	16	32	28,392
408	Monroe	2.43	.....	26,000 00	13,000 00	11/26/07	100	9/13/08	0.83	14-16	20-22	7,347
									1.60	16	20-30	14,965
409	Mont..	6.22	.....	95,351 35	47,675 68	3/23/11	100	11/ 13/11	6.22	14	24	51,410
410	Mont..	7.10	.....	.....	.....	7/15/15	100	11/15/15	0.02	16	24	174
									7.08	14-16	24-26	53,977
*411	Orange..	.....	.....	13,312 20	11,938 89	.....	.....	.....	.....	.....	.....	.....
412	Orange..	5.74	.....	77,214 03	38,607 01	11/17/08	100	9/13/10	5.74	14	26	47,052
413	Orange..	3.26	.....	42,633 63	21,316 82	11/17/08	100	10/11/09	3.26	14	26	21,749
414	Orange..	5.54	.....	31,824 17	15,912 09	6/27/10	100	1/22/13	5.54	16	22	52,027
415	Orange..	3.01	.....	43,918 02	21,959 01	4/25/11	100	5/ 7/12	3.01	14	24	24,719
416	Orange..	5.89	.....	105,909 31	52,954 66	4/27/11	100	1/18/11	5.89	14	24	43,228
417	Warren	7.56	.....	82,700 00	41,350 00	7/10/06	100	1/10/07	7.56	16	24	36,848
418	Warren	9.74	.....	109,182 03	54,591 00	7/10/06	100	1/21/08	9.74	16-30	16-10	92,660
419	Ulster..	1.95	.....	22,638 82	11,988 23	7/12/06	100	4/21/15	0.63	14	26	5,227
									1.32	14	26-28	10,819
420	Broome	3.64	.....	37,700 00	18,850 00	7/12/06	100	12/ 9/06	3.64	12, 16	28	27,900
421	Broome	7.82	.....	84,100 00	44,575 00	12/ 2/07	100	11/26/08	7.82	14	26	64,228
*422	Ulster..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
423	Jeff..	4.19	.....	52,932 47	26,583 53	9/30/07	100	1/18/10	4.19	12-16	22-28	30,312
424	Jeff..	1.60	.....	11,900 00	5,950 00	11/16/06	100	11/ 1/07	1.60	12	26	11,280
425	Jeff..	3.16	.....	26,100 00	13,050 00	7/ 3/06	100	8/21/08	3.16	12-16	24	26,249
426	Jeff..	4.03	.....	46,580 45	27,016 66	3/23-08	100	12/ 4/08	4.03	12	24-28	28,339
427	Jeff..	5.45	.....	42,184 15	21,092 07	7/ 7/06	100	8/28/07	5.45	12-16	22-26	40,444
428	Jeff..	4.87	.....	34,282 19	17,141 09	12/18/07	100	12/—/08	4.87	12	24	34,275
429	Onon..	2.79	.....	24,778 00	12,389 00	7/ 9/06	100	5/29/08	2.79	12	24	19,603
430	Onon..	1.71	.....	15,094 21	7,547 11	7/20/06	100	7/18/07	1.71	12	24	12,222
431	Onon..	2.50	.....	28,700 00	14,350 00	7/20/06	100	9/17/08	2.50	12	22	17,694
432	Dutch..	3.20	.....	37,725 00	18,862 50	8/31/06	100	11/—/08	3.20	16	26	30,108
433	Clinton	4.60	.....	38,925 00	19,462 50	9/ 1/06	100	9/23/08	0.39	120	26	4,471
									4.21	14	26	34,549
434	Nassau..	1.69	.....	16,323 53	8,161 79	7/10/06	100	10/—/07	1.69	115	26	14,928
435	Nassau..	1.94	.....	22,357 96	11,178 98	9/ 1/06	100	8/27/07	1.94	12, 16	24	17,053
436	Nassau..	6.98	.....	87,150 00	43,575 00	9/ 1/06	100	11/—/07	6.98	16	26	65,724
437	Nassau..	7.09	.....	81,000 00	40,500 00	9/20/07	100	11/ 2/08	7.09	14	26	58,622
438	Onesida	7.10	.....	83,000 00	41,500 00	8/29/06	100	10/ 1/08	4.53	14	24	44,000
									2.57	14, 16	24	15,571
439	Rens..	3.78	.....	44,150 00	22,048 50	9/20/07	100	9/ 4/08	3.78	12	22-26	27,365

* See list by counties. † Changed from original plans.

† This cost transferred to Hy. No. 5488.

1898 TO DECEMBER 31, 1918—(Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Lo. St.	4	Gra.	3	Sc. water	0.633	8,360			Oiled	1385
Lo. St.	3	Li.	3	Sc. water	0.536	7,620			Oiled	389
Li.	3	Li.	3	Sc. water	0.526	7,895	1917	2.80	24" Bit. Mac.	390
Lo. St.	3	Li.	3	Sc. water	0.401	7,195				391
Lo. St.	3	Li.	3	Sc. water	0.472	7,865				
Lo. St.	3	Li.	3	Sc. water	0.467	7,030	1916	1.46	3" WB. Ca. Cl.	392
Gra.	4	Gra.	2	Asp. (3)	0.689	8,970			Oiled	393
Set.	3	Gra.	2	Asp. (3)	0.634	9,105				394
Ga.	3	Li.	3	Asp. (3)	0.633	24,255				395
										*396
Gra.	4	Li.	2	Asp. (3)	0.706	15,265				397
Ga.	4	Lo. St.	2 1/2	Asp. (3)	0.765	15,815				
Lo. St.	3	Lo. St.	3	Sc. water	0.558	12,595				
Lo. St.	4	Lo. St.	3	Sc. water	0.635	13,315			Oiled	398
Lo. St.	5	Lo. St.	3	Sc. water	0.711	13,925				
Lo. St.	4 1/2	Lo. St.	3	Sc. water	0.660	13,555				
Li.	5	Li.	3	Sc. water	0.992	11,670	1916	1.42	3" WB. Ca. Cl.	399
Li.	5	Li.	3	Sc. water	1.046	12,180	1916	5.40	Oiled	
Lo. St.	3	Li.	3	Sc. water	0.625	9,300			Oiled	400
S Con. (d).	5	Br.	4		0.200	21,335				401
Li.	5	Li.	3	Sc. water	0.761	9,705			Oiled	
Lo. St.	4	Li.	3	Sc. water	0.532	7,760			Oiled	402
Sub.	6	Li.	4	Sc. water	0.859	11,480			Oiled	403
Lo. St.	3	Li.	3	Sc. water	0.607	9,120			Oiled	
										*404
Ga.	3	Tr.	3	Sc. water	0.762	9,260			Oiled	405
Lo. St.	4	Li.	2	Sc. water	0.772	10,810			Oiled	406
Lo. St. †	3	Lo. St. †	3	Sc. water	0.591	8,770	1914	3.02	Bit. Mac.	†407
Li.	4	Li.	3	Sc. water	0.714	11,090			Oiled	408
Li.	3	Li.	3	Sc. water	0.618	10,190			Oiled	
Lo. St.	4	Li.	2	Asp. (1) M.M.	1.152	16,635				†409
S Con.	5	St. Blk	5							410
Sub.	6	App. St.	3	Sc. water						*411
Set.	3	Set.	3	Asp. (10)	0.815	14,420				†412
Set.	3	Qrs.	3	Asp. ()	0.83	14,130				†413
		Grr.	4		0.168	6,340			Oiled	414
Set.	3	Qrs.	3	Ber. (1)	0.754	15,810				415
Sub.	8	Gra.	3	Sc. water	0.609	13,740			Oiled	416
Li. 4", Tr. 2"	6	Tr.	1	Sc. water	0.806	10,940	1912	7.56	Bit. Mac.	417
Ga.	3	Tr.	3	Sc. water	0.654	11,130	1912	9.74	Bit. Mac.	418
Sub. 6", St. 2"	8	App. St.	3	HC. T. (17)	0.934	12,840				419
App. St.	5	App. St.	3	HC. T. (17)	0.889	12,410				
Lo. St.	3	Li.	3	Sc. water	0.813	12,190	1917	0.28	F. Con.	420
							1917	2.54	3" Bit. Mac.	
Lo. St.	4	Tr.	2	Sc. water	0.771	11,670			Oiled	421
										*422
Li.	4	Li.	2	Sc. water	1.186	15,420	1916	3.21	2" Bit. Mac.	423
Lo. St.	4	Li.	2	Sc. water	0.647	8,950				424
Lo. St.	4	Li.	2	Sc. water	0.615	8,920			Oiled	425
Lo. St.	4	Gra.	2	Sc. water	0.986	13,970			Oiled	426
Lo. St.	4	Li.	2	Sc. water	0.646	9,220	1913	0.20	Brick	427
Lo. St.	4	Li.	2	Sc. water	0.630	8,600			Oiled	428
Li.	4	Li.	2	Sc. water	0.702	10,710	1913	2.79	WB. Mac.	429
Li.	4	Li.	2	Sc. water	0.736	10,440	1915	1.72	Bit. Mac.	430
Li.	4	Li.	2	Sc. water	0.900	13,550	1915	2.50	Bit. Mac.	431
Lo. St.	3	Lo. St.	3	Sc. water	0.560	11,800	1914	3.20	Bit. Mac.	432
Lo. St.	3	Lo. & Li.	3	Sc. water	0.674	9,240				†433
Lo. St.	3	Lo. & Li.	3	Sc. water	0.653	9,040				
Lo. St.	3	Tr. 2, Tr. 1	3	Sc. water	0.792	10,100	1916	0.34	2 1/2" Bit. Mac.	434
App. St.	3	Tr. 2, Tr. 1	3	Sc. water	0.750	11,990	1914	0.88	3" Bit. Mac.	435
							1916	0.70	2 1/2" Bit. Mac.	
App. St.	3	Tr. 2, Tr. 1	3	Sc. water	1.137	12,400	1914	2.90	Bit. Mac.	436
							1917	2.50	Bit. Mac.	
Tr.	3	Tr.	3	Sc. water	0.996	12,520				437
Grr. 6", Li. 4"	10	Li.	2	Sc. water	1.186	13,568	1917	4.22	3" Bit. Mac.	438
Li.	4	Li.	2	Sc. water	0.876	10,633				
Set.	3	Set.	3	Sc. water	0.619	13,000	1917	2.56	3" Bit. Mac.	439

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	Status		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
440	Jeff.....	5.39		\$55,500 00	\$55,500 00	11/19/08	100	1/15/10	5.39	12	24	37,965
441	Saratoga	8.32		68,700 00	34,350 00	8/31/06	100	10/ 9/08	8.32	14	24, 28	68,184
442	Saratoga	6.14		44,445 50	22,222 75	9/19/07	100	12/10/09	6.14	12	26	43,209
443	Saratoga	6.29		57,126 00	28,563 00	9/20/07	100	11/ 5/08	6.15	14	30	1,244
444	Broome.	1.14		10,760 66	5,380 33	11/18/08	100	9/18/09	6.11	14	24-30	51,696
445	Broome.	2.71		34,220 00	17,110 00	12/20/07	100	11/26/08	1.14	16	28	10,701
446	Cort....	1.35		10,892 31	5,446 15	7/10/06	100	10/11/07	2.71	12	22-26	19,047
447	Orange..	5.85		114,217 61	57,108 81	8/11/12	100	12/ 0/13	1.35	16	28	12,702
448	Orange..	3.63		35,450 08	17,725 04	10/29/15	100	1/ 7/18	5.85	14	24	48,672
449	Orange..	3.17				11/ 1/15	100	7/23/18	3.63	11	26	29,870
450	Oswego.	1.92		24,144 37	12,072 18	9/20/07	100	12/—/09	3.17	14	24-26	26,063
451	Oswego.	1.30		15,293 60	7,646 80	1/14/08	100	6/30/10	1.92	12-16	20	15,602
452	Onond.	3.53		38,810 97	19,405 49	7/ 9/06	100	8/26/10	1.30	12	24	9,134
453	Dutch..	4.00		48,260 00	24,130 00	7/10/06	100	10/29/08	3.53	16	26	33,516
454	Tomp..	3.64		37,485 50	18,742 75	8/30/06	100	6/—/08	4.00	16	26-32	37,512
455	Tomp..	0.34		4,130 80	2,065 40	8/30/06	100	11/ 1/08	3.64	16	24-28	34,132
456	Herk....	5.35		59,389 33	29,694 67	7/19/09	100	11/15/08	0.34	12	28	2,484
457	Herk....	5.27		65,700 00	32,850 00	7/ 9/06	100	12/14/08	5.12	16, 21	26	48,214
458	Herk....	3.69		37,425 03	18,712 50	7/10/06	100	11/ 5/08	0.23	16	26	2,122
459	Herk....	5.50		62,200 00	31,100 00	7/ 9/06	100	10/ 6/08	5.27	16	26	49,504
460	Herk....	6.30		92,031 00	46,015 50	7/10/06	100	12/ 2/08	3.69	16	26	34,637
461	Herk....	5.96		74,900 00	37,450 00	10/22/08	100	11/ 2/08	6.30	12, 16	24	50,880
462	Herk....	9.91		182,663 83	91,331 91	12/ 2/07	100	1/ 8/13	5.96	14-16	24, 30	49,156
463	Herk....	5.39		69,283 96	34,641 98	12/ 3/08	100	1/28/12	8.45	12	32	59,478
464	Herk....	5.46		62,579 87	31,289 93	11/12/08	100	12/14/10	1.46	12	32	10,262
465	Herk....	5.42		54,409 57	27,204 78	4/25/11	100	10/11/12	5.39	14	24	44,246
466	Herk....	5.49		76,979 56	38,489 78	5/ 3/11	100	2/ 3/14	5.46	14	24, 30	46,224
467	Herk....	6.92		98,100 14	49,050 07	4/24/12	100	1/ 4/14	5.42	14	28	44,446
468	Herk....	5.55				7/21/14	100	8/27/18	0.54	14	24-26	4,403
*469	Herk....								3.94	14	24-26	32,384
*470	Herk....								0.45	14	24-26	3,681
*471	Herk....								0.17	14	24-26	1,431
472	Herk....	6.15		69,263 87	34,631 93	10/20/14	100	7/26/16	0.39	16	28	3,683
*473	Herk....								4.70	14-16	28-32	39,551
474	Monroe.	1.95		18,600 00	9,300 00	11/26/07	100	11/18/08	2.22	16	28-32	20,848
475	Niagara	2.42		30,500 00	15,250 00	9/ 8/06	100	1/—/08	5.55	16	28	52,051
476	Canton.	5.38		57,150 00	28,575 00	8/31/08	100	7/13/08				
477	Renss.	6.43		53,950 00	26,975 00	11/18/07	100	11/10/08	6.43	14	24	45,600
478	Renss.	3.21		30,320 00	15,160 00	11/18/07	100	11/28/08	0.43	14	26	26,770
479	Monroe.	0.27		3,700 00	1,850 00	11/25/07	100	6/12/08	0.13	14	28-30	1,030
480	Monroe.	3.62		35,248 40	17,624 20	11/12/08	100	11/29/09	3.98	16	28-30	23,517
481	Monroe.	0.99		14,400 00	7,200 00	11/12/08	100	8/15/09	0.13	16	22-28	1,244
482	Livings.	2.21		25,000 00	12,500 00	7/11/06	100	11/ 8/07	0.14	16	22-28	1,321
483	Tomp..	4.44		45,171 44	22,585 72	8/30/06	100	1/18/10	3.02	16	24-30	28,361
484	Ontario.	6.79		48,375 48	24,187 74	7/ 9/06	100	8/28/07	0.99	15	22	9,308
485	Ontario.	3.76		32,300 00	16,150 00	1/20/08	100	10/28/08	2.23	16	32	21,348
486	Onond.	3.37		39,485 00	19,742 50	11/10/06	100	12/13/08	4.44	112-16	22, 26	35,418
487	Onond.	3.66		41,673 66	20,836 83	11/10/06	100	11/ 2/08	6.79	12	32	49,560
488	Onond.	2.02		17,769 83	8,884 91	10/18/07	100	7/20/09	3.76	12	26, 32	26,379
									3.37	12-16	26, 30	25,200
									3.66	12-16	24-32	30,650
									2.02	12	28	14,266

*See list by counties.

† See Hy. No. 830.

‡ Changed from original plans.

1898 TO DECEMBER 31, 1918—(Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sub.	8	Ga. t.	3	Asp. (10)	0.980	12,730				440
Lo. St.	3	Lo. St.	3	Sc., water	0.687	9,070	1913	2.66	Bit. Mac.	441
App. St.	4	Tr.	2	Sc., water	0.656	8,110	1914	3.16	Bit. Mac.	442
App. St.	3	Tr.	3	Sc., water	0.448	6,798	1915	2.48	Bit. Mac.	443
Lo. St.	4	Tr. or Sy.	2	Sc., water	0.723	9,380			Oiled.	444
Lo. St.	4	Tr.	2	Sc., water	0.668	9,440			Bit. Mac.	445
Lo. St.	4	Li.	2	Sc., water	0.811	14,690				446
Dol.	3	Dol.	3	Asp. (7)	0.601	8,070				447
Sub.	6	Set.	3	Asp. (11)	0.782	20,380				448
Sub.	6	App. St.	3	Asp. (11)	0.557	10,540				449
Li.	4	Li.	2	Sc., water	0.808	13,695				450
Li.	4	Tr.	2	Sc., water	0.857	13,925	1914	1.31	Bit. Mac.	451
Li.	4	Li.	2	Sc., water	0.707	11,035			Oiled.	452
Lo. St.	3	Tr.	2	Sc., water	0.732	11,040			Oiled.	453
Lo. St.	4	Li.	2	Sc., water	0.603	10,200	1915	3.04	Bit. Mac.	454
Lo. St.	4	Li.	2	Sc., water	0.722	13,650			Oiled.	455
Ga.	3	Ga.	3	Sc., water	0.627	10,685			Oiled.	456
Ga.	4	Ga.	2	Sc., water	0.608	10,505				457
Lo. St.	3	Lo. St.	3	Sc., water	0.727	12,490	1913	2.76	Bit. Mac.	458
Lo. St.	3	Tr.	3	Sc., water	0.603	10,140	1912	1.44	Bit. Mac.	459
Lo. St.	3	Tr.	3	Sc., water	0.815	11,340	1913	0.32	Bit. Mac.	460
Lo. St.	3	Lo. St.	3	Sc., water	0.610	15,420	1914	5.50	Bit. Mac.	461
Dol.	3	Tr.	3	Sc., water	0.646	13,560			Oiled.	462
Lo. St.	3	Ga.	3	Sc., water	0.753	18,425	1915	8.79	WB. 4' x 6'	463
Lo. St.	3	Ga.	3	Sc., water	0.935	20,315	1917	9.91	2 1/2" B. M. 16'	464
Ga.	3	Sy., Ga.	3	Sc., water	0.672	13,900	1915	5.37	WB. oiled.	465
Ga.	3	Ga.	3	Sc., water	0.600	10,170			Oiled.	466
Li.	3	Li.	3	Sc., water	0.590	10,515			Oiled.	467
Fld.	3	Ga.	3	Sc., water	0.624	14,630				468
Fld.	3	Ga.	3	Sc., water	0.584	14,250				469
Rock Fill.	3	Ga.	3	Sc., water	0.342	11,980			Oiled.	470
Fld.	4	Ga.	3	Sc., water	0.664	15,000				471
Fld.	3	Ga.	3	Asp. (2)	0.775	16,050				472
Lo. St.	3	Li.	3	Ber. (1)	1.028	15,022				473
Lo. St.	3	Li.	3	Asp. (4)	0.895	13,775				474
Sub.	6	Lo. St.	3	Sc., water						475
Sub.	6	Set.	3	Asp. (10) (11)	0.778	12,030				476
(Shoulders)	6	Grv.	3		0.125					477
Lo. St.	3	Li.	3	Sc., water	0.571	9,540				478
Li.	3	Li.	3	Sc., water	0.667	12,600	1916	2.22	2 1/2" Bit. Mac.	479
Li.	3	Li.	3	Sc., water	0.625	11,248	1916	5.38	2 1/2" Bit. Mac.	480
Tr. t.	3	Tr. t.	3	Sc., water	0.825	12,470				481
App. St.	3	App. St.	3	Sc., water	0.633	9,420	1917	3.21	3" Bit. Mac.	482
App. St.	3	Li.	3	Sc., water	0.717	10,204				483
Li.	5	Li.	3	Sc., water	1.046	15,012				484
Li.	3	Li.	3	Sc., water	0.805	12,750				485
Dol.	3	Li.	3	Rock Asp.	0.941	11,560				486
Li.	3	Li.	3	Rock Asp.	1.046	14,890				487
Li.	3	Li.	3	Sc., water	0.792	14,240	1917	2.23	2 1/2" Bit. Mac.	488
Fld.	4	Li.	2	Sc., water	0.611	10,170	1916	1.82	2 1/2" Bit. Mac.	489
Li. or Lo. St.	3	Li. or Lo. St.	3	Sc., water	0.594	8,440	1913	1.11	Bit. Mac.	490
Lo. St.	3	Li.	3	Sc., water	0.716	9,992	1915	5.68	WB. Mac.	491
Lo. St.	4	Li.	3	Sc., water	0.892	12,530	1917	3.37	2 1/2" Bit. Mac.	492
Li.	3	Li.	3	Sc., water	0.799	12,010	1917	3.66	3" WB. Mac.	493
Li.	4	Li.	3	Sc., water	0.653	10,250				494

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
489	Onondaga	4.44		\$47,093 62	\$24,827 76	11/12/08	100	11/20/09	4.44	12-16	24-30	31,608
490	Rensselaer	6.36		26,925 00	13,462 50	11/26/07	100	11/2/08	6.36	16	22-24	59,609
491	Monroe	1.01		9,705 78	4,852 89	11/12/08	100	11/22/09	1 01	14	32	8,235
492	Monroe	5.75		40,454 02	23,227 01	4/ 9/10	100	1/23/12	5.75	16	32	53,954
493	Monroe	5.71		53,826 02	26,913 01	11/12/08	100	12/1/09	5.55	14	32	46,476
493A	Monroe	0.48		10,606 00	5,300 00	4/25/12	100	11/ 3/12	0 16	14	32	1,344
494	Monroe	4.43		49,330 43	24,665 21	4/ 7/10	100	9/12/11	4 43	16	32	41,583
495	Monroe	6.15		56,283 57	28,141 78	5/ 1/11	100	1/ 8/13	5 13	16	32	48,104
495A	Monroe	0.24		10,743 61	4,483 09	5/22/14	100	10/ 4/14	1 02	16	32	9,573
496	Monroe								0 24	16-40	40	3,748
497	Monroe	2.67		19,331 73	9,665 86	5/ 1/11	100	3/13/12	2 67	10-12	24	16,500
498	Orange											
499	Orange		9.18	132,500 00	72,590 00	6/12/16	11		4 67	12-16	26-28	42,777
									1 48	16	26-28	13,959
									3 03	12-16	26-28	28,246
500	Orange											
501	Orange											
502	Monroe	5.19		57,770 44	28,885 22	5/ 1/11	100	9/ 4/12	5 19	14-16	26-44	42,006
503	West	7.31		94,500 00	47,250 00	10/16/07	100	12/11/08	7 31	16-22	26-32	80,256
504	Rensselaer	1.69		18,583 23	9,291 62	11/12/08	100	6/10/10	1 69	16	26	15,888
505	Chenango	4.59		45,448 00	22,724 00	11/10/08	100	6/15/08	4 59	12-16	22-25	35,109
506	Madison	2.18		21,700 00	10,850 00	7/ 6/06	100	12/10/07	2 18	12	20-30	15,534
507	Niagara	4.67		45,609 00	22,800 00	7/ 9/06	100	7/ 5/08	4 67	16	32-40	43,815
508	Albany	4.44		37,625 00	18,812 50	9/20/07	100	10/ 5/08	4 44	14-20	26-32	37,440
509	Oswego	5.40		49,495 70	24,747 85	7/ 6/06	100	11/30/07	5 40	16	22-26	51,336
510	Cort	4.17		27,868 00	13,933 00	7/10/06	100	10/20/08	4 17	12	26	29,556
511	Montgomery	3.81		38,304 85	20,822 25	7/20/15	100	12/15/16	3 81	14	26	31,256
512	Montgomery		4.56	42,514 92	22,938 52	11/12/15	95		4 56	14	34	37,556
513	Montgomery		2.49	25,100 00	13,416 00	10/31/16	55		2 49	12	24	17,506
514	Montgomery											
515	Montgomery		1 61	20,600 00	13,390 00	11/ 2/16	25		1 61	14	26	13,200
516	Montgomery											
517	Montgomery											
518	Montgomery											
519	West	3.91		42,470 00	21,235 00	9/20/07	100	11/—/08	3 91	14	26	31,944
520	West	3.55		37,750 00	18,875 00	9/20/07	100	9/18/08	3 55	14	26	29,148
									7 86	12	26	55,327
									0 04	12	26	267
521	St. Lawrence	8.62		56,407 12	54,069 60	9/20/07	100	7/14/10	0 29	12	26	2,067
									0 22	12	26	1,566
									0 21	12	26	1,433
522	Erie	4.74		39,112 89	19,556 44	6/30/08	100	9/17/07	4 74	12	22-32	33,370
523	Erie	5.86		113,979 27	58,950 19	7/ 9/06	100	1 / 2/10	5 86	16	22-38	83,166
524	Erie	5.42		70,300 00	36,556 00	9/17/07	100	11/18/08	5 42	16-32	32	53,861
525	Erie	3 27		38,400 00	20,352 00	9/20/07	100	11/29/08	3 27	16	22-32	30,600
525A	Erie	0 59		6,083 80	3,224 41	5/28/10	100	12/ 1/10	0 59	16	32	5,538
525B	Erie	0 28		4,487 73	2,917 03	6/17/16	100	10/27/16	0 28	16	28	2,610
526	Erie	3.96		56,599 75	29,981 97	9/20/07	100	5/27/10	0 40	12	32	2,832
									3 56	16	32	35,077
527	Erie	9.47		105,977 34	59,627 10	9/20/07	100	8/20/10	9 47	16	22-32	88,892
528	Erie	7 34		101,318 41	51,672 39	9/20/07	100	11/17/10	7 34	16	24-32	69,600
529	Erie	6.02		47,800 00	24,684 49	9/20/07	100	1/—/09	6 02	12-16	32	49,144
530	Erie	1.81		14,000 00	7,000 00	9/20/07	100	11/—/08	1 81	16	32	16,900
531	Erie	2.59		19,100 00	9,550 00	12/18/07	100	12/—/08	2 59	14	24-36	21,206
532	Erie	1 87		11,000 00	5,500 00	12/18/07	100	12/—/08	1 87	12	26-32	13,165
533	Clinton	6.31		55,250 00	44,270 00	9/19/07	100	9/15/08	6 31	14	28	54,350

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION						UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP			Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness	Binder							
Lo. St.	4	Li.	2	Asp. (10)		0.786	12,300	1914	2.14	Bit. Mac.	489
		Grv.	5			0.181	4,230	1914	2.30	Oiled	490
Lo. St.	5	Grv.	5	So. water		0.647	9,600	1915	1.43	Bit. Mac.	491
Dol.	3	Li.	3	So. water		0.446	7,760			Oiled	492
Lo.	3	Li.	3	So. water		0.604	10,000	1918	3.83	Bit. Mac.	493
Lo.	3	Li.	3	So. water	Asp. (10)	0.734	11,220				
		Gn.	5	Red Mac.		0.871	22,950			Oiled	493A
Li.	4	Li.	12	Asp. (10)		0.870	10,930			Oiled	494
Li.	3	Dol.	3	Asp. (10)		0.628	8,855			Oiled	495
Sub.	6	Dol.	3	Asp. (10)		0.616	9,024			Oiled	
S. Con.	5	Brick	4			2.094	29,888				495A
Grv.	4	Grv.	3	So. water		0.569	9,050			Oiled	*496
										Oiled	497
										Oiled	*498
Sub.	6	App. St.	3	Asp.		0.781	12,600				
Sub. & App. St.	8	App. St.	3	Asp.		1.064	15,260				499
App. St.	5	App. St.	3	Asp.		0.927	13,970				
											*500
Fld.	6	Grv.	3	Asp. (10)		0.729	11,980			Oiled	501
											502
Ga.	3	Tr.	3	So. water	Oil	0.719	10,943	1915	4.02	Asp. Blk. 16'	
								1915	0.35	Brick 16'	
								1915	1.25	Bit. Mac. 16'	503
								1917	1.70	F. Con.	
Sub.	3	Tr.	3	So. water	CO	0.609	11,000			Oiled	504
Li.	4	Li.	3	So. water		0.686	15,945	1912	1.63	WB Mac.	505
								1914	2.97	Bit. Mac.	
Li.	4	Li.	3	So. water		0.522	11,269			Oiled	506
Li.	5	Li.	3	So. water		0.686	9,242	1917	3.75	F. Con.	507
Tr.	4	Lo. St.	3	So. water		0.632	8,916	1914	1.48	F. Con.	508
								1917	1.95	F. Con.	
Lo. St.	4	Lo. St.	3	So. water		0.608	9,170	1914	4.32	Bit. Mac.	509
Sub.	6	Li.	3	So. water	Ca. Cl.	0.639	8,150	1914	4.17	Bit. Mac.	510
Sub.	6	Lo. St.	3	So. water	T. (17)	0.568	10,695				511
Sub.	6	Li.	3	So. water	T.	0.481	10,045				512
Sub.	6	Gn. Li.	3	So. water		0.708	11,815				513
Sub.	6	App. St.	3	So. water	CT	0.697					514
											*515
											*516
											*517
											*518
Grv.	3	Grv.	3	So. water	Oil	0.583	11,580	1914	0.83	WP. Oiled	519
App. St.	3	App. St.	3	So. water		0.518	11,250			Oiled	520
Lo. St.	4	Lo. St.	3	So. water		0.667	11,490				
Lo. St.	4	Lo. St.	3	So. water		0.574	10,610				
Lo. St.	16	Lo. St.	3	So. water		0.768	12,430	1916	0.60	2" Bit. Mac.	521
Lo. St.	17	Lo. St.	3	So. water		0.866	13,350				
Lo. St.	17	Lo. St.	3	So. water		0.958	14,210				
Li.	15	Li.	3	So. water		0.812	10,410			Oiled	522
Li.	5	Li.	3	So. water		0.880	12,700	1914	0.72	Brick	523
								1915	8.13	Oiled	524
L.	5	Li.	3	So. water		0.994	12,320	1917	4.16	2" Bit. Mac.	525
S.	3	Li.	3	So. water		0.788	11,320	1917	1.40	2" Bit. Mac.	526
L.	3	Li.	3	So. water		0.838	10,312			Oiled	527
L.	5	Li.	3	So. water		1.028	15,880				528
L.	3	Li.	3	So. water		0.946	12,050			Oiled	529
L.	5	Li.	3	So. water		1.215	14,575			Oiled	
L.	5	Li.	3	So. water		0.888	11,020			Oiled	527
L.	5	Li.	3	So. water		0.939	13,480			Oiled	528
L.	3	Li.	3	So. water	Grv.	0.681	8,640	1916	3.55	3" Bit. Mac.	529
								1917	2.47	3" Bit. Mac.	
Li.	3	Li.	3	So. water		0.615	7,480			Oiled	530
Li.	3	Li.	3	So. water		0.687	8,040			Oiled	531
Li.	3	Li.	3	So. water		0.601	7,160			Oiled	532
Li.	3	Li.	3	So. water		0.624	9,590	1915	1.97	Bit. Mac.	533
								1917	4.34	2" Bit. Mac.	

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
534	Dutch...	3.65		\$34,344 54	\$17,172 27	7/ 9/06	100	9/16/07	3.65	14	22-30	29,964
535	Cort...	2.70		22,496 50	13,912 74	9/20/07	100	9/ 9/09	2.70	12	26	19,352
536	Rens...	5.15		61,027 96	30,513 98	11/12/08	100	1/20/11	5.15	16	26-30	48,231
537	Dutch...	4.83		42,000 00	21,000 00	7/ 7/06	100	3/ 8/08	4.83	14	24, 26	39,708
†538	Monroe	5.66		103,590 68	54,133 94	5/ 5/11	100	1/ 8/13	5.66	14-15	23-41	49,381
539	Oswego...	2.03		18,316 95	11,173 33	12/ 4/07	100	8/24/08	2.09	12	26	14,926
540	Colum...	4.32		23,450 00	11,725 00	7/ 6/06	100	7/—/08	4.32	16	20, 24	9,952
541	Fulton...	6.73		63,580 04	37,208 32	1/30/08	100	11/—/09	6.73	16	20, 24	33,819
542	Fulton...	2.68		42,179 65	24,868 73	4/ 9/10	100	7/—/11	2.68	14	24, 26	8,892
543	Fulton...	6.35		49,663 62	29,180 46	11/17/08	100	12/—/09	6.35	12-30	24-30	63,191
544	Fulton...	5.77		71,111 93	41,477 81	4/28/11	100	1/ 8/13	5.77	14	24, 26	22,000
545	Nassau...	3.22		39,250 00	19,625 00	9/ 5/07	100	7/—/08	3.22	16	26-32	53,557
†546	Nassau...	6.03		57,516 15	28,758 07	1/27/08	100	11/—/08	6.03	14	26	560
†547	Nassau...	6.43		91,366 63	45,683 32	11/12/08	100	11/22/10	6.43	16	28	47,391
†548	Nassau...	4.74		72,839 91	36,419 96	2/19/10	100	12/29/10	1.87 1.20 1.67	16 26-32 16	28 32 26-32	32,888
549	Dutch...	6.92		66,039 33	32,719 65	7/ 5/06	100	12/14/08	6.92	14-20	26-30	49,938
550	Dutch...	1.99		17,141 18	8,570 59	8/28/06	100	9/—/07	1.99	14	26	61,104
551	Dutch...	2.91		26,241 77	13,120 88	7/10/08	100	12/30/07	2.91	14	26	17,525
552	Dutch...	5.54		57,268 00	28,634 00	9/20/07	100	12/ 4/08	5.54	16	24, 28	11,255
553	Onon...	2.33		18,020 85	9,010 42	11/12/08	100	11/29/09	2.33	12	22, 28	15,649
554	Onon...	4.91		46,006 47	25,763 62	11/12/08	100	6/28/10	4.91	12	28-30	16,344
555	Onon...	7.70		95,867 77	47,933 88	4/ 7/10	100	12/30/11	7.70	14	26, 28	62,000
556	Onon...	3.23		35,109 95	17,554 97	3/30/11	100	12/18/11	3.22	10	24	35,019
557	Onon...	6.19		73,663 55	48,461 49	3/25/11	100	11/ 6/12	2.91 3.28	10 14	24 24	63,253
*558	Onon...											18,892
†559	Oneida...	9.06		99,122 88	57,022 07	9/19/07	100	10/12/08	8.93 0.13	16 20	26-32 30	7,544
560	Oneida...	2.42		23,804 38	11,902 19	9/19/07	100	7/—/08	2.42	16	30, 32	17,047
561	Oneida...	4.43		62,900 00	37,740 00	1/29/08	100	11/ 1/08	4.43	16	24-30	1,467
†562	Oneida...	3.87		60,339 17	30,169 59	1/19/08	100	1/ 4/10	3.87	16-20	26-32	26,969
†563	Oneida...	5.11		57,166 91	28,583 46	3/ 4/08	100	6/ 4/10	5.11	16	24-32	47,866
†564	Oneida...	4.99		60,569 82	30,284 81	11/13/08	100	1/ 6/10	2.99 1.33 0.62	16 16 16	32-30 32-30 32-30	28,070
565	Jeff...	7.34		96,061 33	48,931 28	2/14/10	100	6/17/11	6.53 0.81	16 16	32 32	12,978
566	Albany...	7.15		68,512 00	41,107 20	12/ 3/07	100	11/ 7/08	7.15	12-16	24, 26	5,813
567	Dutch...	4.63		44,000 00	22,000 00	9/ 5/07	100	9/ 8/08	4.63	14-16	26, 30	61,310
568	Dutch...	4.40		45,700 00	22,850 00	12/ 3/07	100	11/16/08	4.40	16	30	7,620
569	Putnam...	5.90		51,800 00	25,900 00	7/11/06	100	1/16/08	4.81 1.09	14, 16 16	26, 28 26, 28	50,320
570	Putnam...	5.02		70,834 09	39,061 45	9/20/07	100	10 13/09	1.33 3.69	14-33 14	33-28 30-28	41,026
†571	Rens...	2.61		31,641 18	15,820 59	11/13/08	100	12/—/10	2.61 0.13 0.68	14 22-40 16	26 22-40 22-40	41,232
572	Ulster...	5.92		82,103 74	43,402 42	5/12/14	100	9/ 1/15	1.36 1.49 2.38	16 14 14	22-40 22-40 22-40	40,780
573	Monroe...	6.32		77,185 35	38,592 67	5/ 1/11	100	10/10/12	4.14 2.18	14 14	24 24	13,361
†573A	Monroe...	0.11		2,046 85	1,329 80	9/25/16	100	5/23/17	0.11	16	24	19,460
†574	Monroe...	4.71		103,807 03	51,903 52	4/24/12	100	10/24/13	0.07 4.64	16 16	28 28	34,294
												17,930
												1,049
												644
												43,883

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERCENT PAYMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Lo. St.	3	Lo. St.	3	Sc. water	0.620	9.940			Oiled	534
Li.	4	Li.	4	Sc. water	0.705	9.900	1916	2.70	2 1/2" Bit. Mac.	535
Set.	3	Set.	3	Sc. water	0.705	11.850	1915	1.35	Bit. Mac.	536
Lo. St.	3	Lo. St.	3	Sc. water	0.632	9.410	1916	1.19	3" Bit. Mac.	537
Grv. Con.	3 1/2-5	St.	1 1/2	Asp. (5) MM.	1.578	18.590	1917	3.03	Bit. Mac.	538
Grv.	5	Grv.	3 1/2	Sc. water	0.555	8.860	1918	0.39	Concrete	539
(Shoulder)	5	Grv.	3	Sc. water	0.242		1915	2.09	Bit. Mac.	540
Id.	3	Grv.	4	Sc. water	0.140	5.500				541
Set.	4	Grv.	4	Sc. water	0.105	5.180				542
Gn.	3	Grv.	3	Sc. water	0.538	9.380	1917	6.79	Bit. Mac.	543
(Shoulders)	3	Gn.	2	Asp. (10)	0.755	16.945			Oiled	544
Gn.	6	Gn.	3	Sc. water	0.504	7.730			Oiled	545
Tr.	3	Gn.	3	Sc. water	0.269				Oiled	546
App. St.	3	Tr.	3	Ber. (1)	0.910	12.320			Oiled	547
Tr.	3	Tr.	3	Sc. water	0.883	11.600			Oiled	548
	3	Tr.	3	Sc. water	0.894	10.520			Oiled	549
	3	Tr.	3	Asp. (10)	1.126	14.210	1916	1.19	3" Bit. Mac.	550
							1917	0.63	3" Bit. Mac.	551
App. St.	4	Tr.	13	Asp. (10)	1.306	16.150				552
App. St.	4	Tr.	12	Asp. (10)	1.206	15.210				553
App. St.	4	Tr.	2	Asp. (10)	1.106	14.270				554
Lo. St.	3	Lo. St.	3	Sc. water	0.629	9.445	1915	0.85	Bit. Mac.	555
							1915	4.12	Bit. Mac.	556
							1912	0.25	Hasam	557
Lo. St. 3, 1 1/2	4 1/2	Lo. St.	3	Sc. water	0.620	9.333				558
Lo. St.	3	Lo. St.	3	Sc. water	0.750	9.900	1917	4.22	3" Bit. Mac.	559
Set.	2	Set.	3	Sc. water	0.500	10.340			Oiled	560
Grv.	6	Li.	3	Sc. water	0.522	8.860			Oiled	561
Set.	4	Li.	3	Sc. water	0.690	10.915			Oiled	562
Li.	4	Tr.	2	Asp. (10)	0.964	13.540			Oiled	563
Sub.	av6	Li.	2	Asp. (10)	0.918	12.800			Oiled	564
(Shoulders)		Li.	3	Asp. (10)	0.571					565
Sub.	6 1/2	Li.	3	Asp. (10)	0.939	13.500				566
(Shoulders)		Li.	3	Asp. (10)	0.577					567
Sub.	Var.	Li.	3	Asp. (10)	0.917	13.300			Oiled	568
Li.	4	Sv.	2	Sc. water	0.750	10.470			Oiled	*569
		Grv.	6	Water	0.535	8.450				570
Lo. St.	4	Sv.	2	Sc. water	0.722	9.735			Oiled	571
Li.	3	Sv.	2	Sc. water	0.764	13.730			Oiled	572
Qrs.	3	Sv.	3	Asp. (10)	1.018	14.720			Oiled	573
Qrs.	3	Sv.	2	Sc. water	0.694	11.335			Oiled	574
Li.	4	Sv. Tr.	2	Asp. (10)	0.914	11.435				575
Grv. 6, Li. 4	10	Sv. Tr.	2	Asp. (10)	1.214	14.305				576
Li.	4	Sv. Tr.	2	Asp. (10)	0.575	8.305				577
Li.	4	Li.	2	Asp. (10)	0.875	12.500				578
Li.	4	Li.	4	Asp. (10)	1.007	13.740				579
Li.	3	Li.	3	Sc. water	0.724	11.435	1915	5.18	W. B. Mac.	580
							1917	1.97	3" Bit. Mac.	581
Dol.	4	Tr.	2	Sc. water	0.620	9.670			Oiled	582
Li.	3	Li.	3	Sc. water	0.608	9.800	1917	2.20	3" Bit. Mac.	583
App. St. 3, 2	5	App. St.	1	Sc. water	0.591	8.920	1914	4.91	Bit. Mac.	584
App. St. 3, 2	5	App. St.	2	Sc. water	0.708	9.930	1917	0.99	3" Bit. Mac.	585
Qrs.	3	Qrs.	3	Sc. water	0.508	14.690	1912	4.39	Bit. Mac.	586
Qrs.	3	Qrs.	3	Sc. water	0.532	15.100	1915	0.63	Bit. Mac.	587
Set.	3	Set.	3	Asp. (1)	0.896	13.190				588
S. Con. (2)(3)	5	Br.	4	Asp. (10)	2.788	31.090				589
Flid. & App. St. 2	10	App. St.	3	Asp. (10)	1.161	15.820				590
App. St.	5	App. St.	3	Asp. (10)	1.055	14.820				591
Flid. & App. St. 2	10	App. St.	3	Sc. water	0.792	12.350				592
App. St.	5	App. St.	3	Sc. water	0.680	11.390				593
G. Con. (2)(16)	5	Li.	3	T. HO.	0.860	13.800				594
Grv.	3	Grv. & Sc.	3	Asp. (1)	0.706	12.360				595
Li.	3	Li.	3	Sc. water	0.896	19.220				596
S. Con. (16)(3)	5	Med. Blk.	7		2.950	32.420				597
S. Con. (16)(3)	5	St.	14	Asp. (5) MM.	1.860	22.190				598

APPENDIX A — COUNTY HIGHWAYS JANUARY 1.

See page 186 for explanation.

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
574A	Monroe	6.69		\$94,139 90	\$52,104 99	5/14/14	100	1/ 4/15	6.30	16, 32	28, 32	59,096
575	Monroe	4.08		42,494 39	21,247 19	4/25/12	100	10/24/12	0.39	32, 44	32, 44	8,778
									0.15	16	26	1,422
									3.93	16, 12	26	29,480
*576	Orange											
577	Schenec.	7.06		56,704 50	28,352 25	7/ 9/06	100	7/12/07	5.16	14	26-30	42,430
									1.90	14	26-30	15,604
*578	Orleans											
579	Orleans	4.63		47,245 79	24,095 35	6/12/12	100	1/22/14	4.63	14-16	26, 30	38,655
580	Orleans	2.86		44,848 35	27,801 43	6/12/15	100	5/ 1/17	2.12	12-16	32	16,277
									0.74	16	32	6,952
581	Orleans	7.46		71,800 04	42,698 81	6/ 9/15	100	7/31/17	7.39	14-20	30-32	67,345
									0.06	16	32	560
582	Orleans	2.46		25,005 20	12,502 60	6/18/15	100	10/ 3/16	2.46	12, 16	32	17,563
										2-4		5,559
583	Renss.	3.40		35,777 67	17,888 83	3/ 2/10	100	12/26/11	3.40	14	24, 26	27,450
584	Erie	7.96		87,700 00	43,850 00	5/ 7/08	100	12/ 1/08	7.96	13	26-30	56,039
585	Putnam	4.25		56,092 93	28,046 46	11/13/08	100	12/16/09	4.25	14	24-30	24,764
586	Genesee	5.58		46,815 00	23,407 50	6/30/06	100	9/—/08	5.58	16	32	52,992
587	West	4.39		43,420 64	21,710 32	11/26/07	100	11/—/08	4.39	12	24	31,116
588	Monroe	1.04		20,199 14	10,099 57	4/27/12	100	11/12/13	2.06	12	28	14,712
588	Orleans	1.04										
*589	Colum.	3.81		28,200 00	14,100 00	9/ 1/06	100	10/—/08	3.81	14	26	31,348
590	Cayuga	7.96		75,496 62	37,748 31	11/10/06	100	11/18/08	7.96	12-16	24, 26	85,448
591	Cayuga	10.95		89,800 00	44,900 00	11/15/06	100	12/ 1/08	10.85	12	24-22	63,614
592	Cayuga	5.57		52,807 07	26,403 54	9/18/06	100	12/15/08	5.57	12-16	24, 26	46,706
593	Rock	5.82		152,950 00	76,475 00	9/13/06	100	11/ 2/08	5.82	14	22	47,786
*594	Renss.											
595	Cort.	5.42		44,586 24	25,860 03	12/ 4/07	100	9/ 2/09	5.42	12	30	38,155
*596	Chen.	3.42		34,913 00	21,995 19	9/30/07	100	11/—/08	3.42	12	24	24,067
596A	Chen.	0.38		4,682 18	2,949 77	4/17/10	100	9/21/10	0.38	12	26	2,655
597	Chen.	3.55		35,517 56	23,138 95	10/22/07	100	10/15/08	3.55	12	24	25,074
598	Chen.	4.86		57,714 00	39,264 00	12/14/07	100	11/16/08	4.99	10-12	20, 24	32,067
598A	Chen.	0.22		5,983 47	4,248 27	4/ 9/10	100	7/22/11	0.22	12	26	1,563
*599	Chen.	6.44		72,598 98	51,545 28	3/ 4/08	100	9/10/10	5.04	10-12	20, 24	34,870
									1.40	12	24	9,826
*600	Orange											
601	Cattar.	3.09		33,500 00	19,095 00	9/24/07	100	11/24/08	3.09	16-20	22-30	30,080
*602	Ulster											
603	Ulster		10.24	122,300 00	65,635 00	10/29/15	84			14	26	84,124
604	Albany	3.88		46,891 16	23,445 57	11/13/08	100	2/ 5/10	3.88	16	32	36,420
*605	Orange											
606	Tomp.	2.12		24,000 00	12,960 00	9/29/07	100	11/ 1/08	2.12	12	24	15,390
607	Ontario	4.35		28,700 00	14,350 00	12/18/07	100	11/ 1/08	4.35	12	26-32	30,590
608	Ontario	2.81		16,313 52	8,156 76	12/18/07	100	11/ 3/08	2.21	12	32	15,560
609	Dutch.	1.63		16,115 04	8,057 52	12/ 3/07	100	12/—/08	1.63	116	30	15,312
610	Saratoga	7.41		107,760 92	53,880 46	2/18/10	100	1/ 5/11	7.41	16	26	69,591
611	Saratoga	6.64		85,535 58	42,747 79	5/28/10	100	1/23/12	6.64	16	26-32	62,352
612	Dutch.	3.04		40,524 11	20,262 06	11/13/08	100	1/30/10	3.04	16	24, 26	28,560
613	Greene	5.60		64,670 00	38,135 30	11/27/07	100	11/22/08	5.60	16, 14	26-30	46,578
614	Cayuga	6.07		57,680 42	28,840 21	9/20/07	100	6/13/10	6.07	12	26	42,803
615	Colum.	8.03		61,822 00	35,856 76	9/ 5/07	100	10/12/08	8.03	14	28	65,736
616	Tomp.	8.66		103,853 59	53,912 47	9/20/07	100	12/—/08	8.66	114	34	72,184
617	Niagara	4.89		33,500 00	16,750 00	9/20/07	100	12/ 1/08	4.80	12	32	23,700
618	Fulton	9.24		111,531 65	69,011 54	10/17/14	100	1/ 4/16	9.24	12	24	65,040
619	Fulton	2.11		28,053 47	16,617 76	7/16/15	100	1/ 7/13	2.11	14-16	24-26	17,837

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Lo. St.	5	Lo. St.	3	Sc., water	T. (17)	0.849	11,330		Oiled	574A
5 Con. (5)	5	Br. (14)	4			2.142	23,470			
		Gn	5	Rockmac		0.772	11,210		Oiled	575
Sub	6	Gn	3	Asp. (10)		0.770	11,190			
Li	3	Li	3	Sc., water		0.611	7,075		Oiled	*576
Sub	10	Li	3	Sc., water		0.928	10,950			577
5 Con. (1)	5			T (17) HO(3)		0.813	11,000			*578
5 Con.	av. 5	Set	3	Asp. (11)		0.813	13,120			579
		Med. Bk.				2.226	26,385			580
Li	6	Li	3	Sc., water	Ca. Cl.	0.753	10,480			581
Li	3	Li	3	Sc., water	Ca. Cl.	0.553	8,600			
Lo. St.	5	Lo. St.	3	Asp. (11)		0.798	10,620			582
(Shoulders)		Lo. St.	3	Asp. (11)		0.451				
Grv.	4	Grv.	3	Asp. (10)		0.561	11,260		Oiled	1583
Li	5	Li	4	Sc., water		0.975	13,300		Oiled	584
Li	3	Li	3	Asp. (10)		0.834	14,200		Oiled	585
Li	3	Li	3	Sc., water		0.530	7,590	1916	0.93 Bit. Mac.	586
								1917	2.77 Bit. Mac.	
Grn.	3	Grn.	3	Sc., water		0.500	11,030	1918	1.88 Bit. Mac.	587
Sub	6	App. St.	3	Asp. (3)		0.739	11,410	1918	Oiled	588
Lo. St.	2	Li	3	Sc., water		0.590	8,100	1916	2.80 24" Bit. Mac.	*589
Li	4	Li	2	Sc., water		0.782	10,390	1915	7.96 Bit. Mac.	590
Li	4	Li	2	Sc., water		0.793	11,320	1913	1.94 Bit. Mac.	
Li	4	Li	2	Sc., water				1916	6.15 24" 3" Bit. Mac.	591
Li	4	Li	2	Sc., water				1917	2.76 24" 3" Bit. Mac.	
Lo. St.	3	Lo. St.	3	Sc., water		0.655	10,210	1914	3.26 Bit. Mac.	592
								1915	2.36 Bit. Mac.	
Li	4	Li	2	Sc., water		0.688	23,430		Oiled	1593
Li	4	Li	2	Sc., water		0.588	9,390	1914	5.43 Bit. Mac.	*594
Li	4	Li	2	Sc., water		0.692	11,555	1917	3.23 3" W. B. Oil.	595
Li	8	Li	av. 2	Sc., water		0.764	14,210	1917	0.38 3" W. B. Oil.	*596A
Li	4	Li	2	Sc., water		0.725	11,690	1915	3.55 Bit. Mac. 3"	597
Li	4	Set	4	Sc., water		0.822	14,435	1910	1.61 W. B. Mac.	
Li	4	Set	4	Sc., water		0.822	14,435	1912	1.00 Bit. Mac.	598
Li	8	Set	2	Sc., water		0.652	29,369	1917	2.21 24" Bit. Mac.	
Li	4	Li	2	Sc., water		0.719	13,040	1912	0.22 Oiled	598A
Li	7	Li	2	Sc., water		1.011	15,780		Oiled	599
Gr	4	Li	4	Sc., water		0.861	10,510	1918	1.71 Bit. Mac.	*600
								1917	1.38 3" Bit. Mac.	601
Ph	6	Set	3	Asp. (10)		0.759	12,670			*602
Li	3	Li	3	Asp. (10)		0.906	12,030	1914	0.10 Bit. Mac.	603
Li	4	Li	2	Sc., water		0.736	12,890		Oiled	*604
Li	3	Li	3	Sc., water		0.578	7,785	1914	4.35 Bit. Mac.	606
Li	3	Li	3	Sc., water		0.661	8,345		Oiled	607
Li	3	Li	3	Sc., water		0.575	9,640		Oiled	608
Li	4	Li	13	Asp. (3) T(17)		0.982	14,820	1913	0.73 Bit. Mac.	609
								1914	0.67 Bit. Mac.	610
Gr	2	Asp. (10)				1.030	12,610		Oiled	611
Li	3	Li	3	Sc., water	Oil (10)	0.567	13,330		Oiled	1612
Li	3	Li	3	Sc., water	CO	0.553	11,690	1912	5.60 Bit. Mac.	613
								1915	Oiled	
Li	4	Li	2	Sc., water		0.909	11,450	1914	2.00 Bit. Mac.	
								1915	1.74 Bit. Mac.	614
Li	3	Set	3	Sc., water		0.521	8,330	1915	2.76 Bit. Mac.	
Li	3	Li	3	Sc., water		0.766	12,790		3.35 Bit. Mac.	615
Li	3	Li	3	Sc., water		0.649	8,310		Oiled	616
Li	6	Gn	3	Asp. (11)		0.816	14,240		Oiled	617
Li	6	Set	3	Sc., water	T. (17)	0.620	13,980			618

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

Highway No.	County	MILES		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
620	Fulton	.....	5.13	\$73,000 00	\$43,330 57	7/11/16	.....	.....	.....	14, 16	26, 30	42, 446
621	Fulton	.....	2.90	36,800 00	18,400 00	10/28/16	4	.....	.....	14	24-26	23,806
622	Livingston	5.17	.....	53,832 02	28,016 01	9/20/07	100 10/ 4/10	2.74	2.43	14	22, 32	22,493
623	Livingston	6.97	.....	60,316 47	30,158 24	12/17/07	100 6/30/10	1.04	5.95	14	22, 32	19,952
624	Jeff.	3.09	.....	38,434 34	19,217 17	2/18/10	100 9/ 9/11	3.09	.....	14	22, 32	8,514
625	Jeff.	5.37	.....	65,200 70	34,556 37	3/28/11	100 11/14/12	5.37	.....	14	28	48,816
626	Jeff.	4.55	.....	54,308 73	27,154 36	3/21/11	100 1/19/12	4.55	.....	14	28	25,368
627	Dutch.	8.13	.....	75,971 29	40,284 79	11/13/09	100 7/ 7/10	7.88	0.25	14	26	37,357
628	Dut. h.	4.66	.....	49,386 46	29,631 89	4/ 9/10	100 6/—/11	4.66	.....	14	24	2,046
*629	Dut. h.	.....	.....	.....	.....	.....	.....	.....	.....	14	24	38,724
630	Albany	2.24	.....	31,248 65	15,624 32	11/13/08	100 12/31/09	2.24	.....	16	32	21,024
631	Renss.	2.25	.....	30,564 45	15,272 23	2/19/10	100 6/47/11	1.10	1.15	16	28	10,335
*632	Mont.	.....	.....	.....	.....	.....	.....	.....	.....	16	28	10,764
633	Monroe	3.73	.....	49,506 45	25,399 19	5/13/12	100 10/24/13	3.73	.....	12-16	24, 28	27,351
634	Monroe	3.43	.....	70,663 64	43,234 62	6/13/12	100 1/16/14	0.16	3.27	15	26	1,622
635	Ontario	5.04	.....	46,575 74	23,287 87	11/13/08	100 1/ 1/10	4.90	0.14	12-16	26-32	28,716
636	Ontario	3.16	.....	25,900 00	12,950 00	11/13/08	100 1/ 1/10	3.16	.....	12-16	22-32	35,386
637	Ontario	5.30	.....	53,037 35	26,518 68	2/28/10	100 8/ 8/11	5.30	.....	14	30	933
638	Ontario	1.01	.....	12,425 00	6,212 50	2/19/10	100 11/12/10	1.01	4.14	12-16	22-32	23,186
639	Ontario	7.04	.....	90,756 48	45,378 24	3/28/11	100 12/30/11	2.90	.....	25, 10	30-32	8,387
640	Schenec.	3.96	.....	34,000 00	17,109 48	9/18/07	100 10/13/08	3.96	4.14	14, 28	28, 30	24,245
641	Schenec.	4.70	.....	39,400 00	19,700 00	1/29/08	100 11/—/08	4.70	2.90	4	24, 28	16,984
642	Erie	6.90	.....	93,496 92	46,748 46	11/13/08	100 1/18/11	0.99	.....	4-6	10, 142	6,794
643	Niagara	4.42	.....	42,600 00	21,300 00	12/18/07	100 12/—/08	4.42	.....	14-16	26-32	32,856
644	Erie	0.73	.....	9,189 89	4,594 94	11/13/08	100 8/26/10	0.73	1.60	16	26	38,580
645	Erie	4.62	.....	86,799 22	43,399 61	11/18/08	100 8/26/10	3.02	.....	16-20	22-28	34,010
646	Albany	4.12	.....	56,699 57	30,013 37	11/13/08	100 5/—/10	4.12	.....	12	26-32	16,734
*647	Albany	.....	.....	.....	.....	.....	.....	.....	.....	12	32, 24	32,124
648	Monroe	7.37	.....	83,099 64	44,309 77	5/15/14	100 1/10/16	7.34	0.03	12	26-32	6,852
649	Colum.	1.02	.....	15,040 00	7,520 00	12/18/07	100 6/20/08	1.02	.....	16-20	22-28	28,378
650	Colum.	5.65	.....	89,542 27	44,771 14	11/13/08	100 8, 26/10	5.65	.....	16-20	22-28	14,988
651	Clinton	5.58	.....	58,900 00	41,819 00	12/ 4/07	100 10/27/08	5.58	.....	16	26	38,674
652	Clinton	3.24	.....	36,449 72	25,514 81	11/13/08	100 9/—/10	3.24	.....	16	26-32	68,919
653	Oswego	5.06	.....	62,200 00	36,076 00	12/18/07	100 12/28/08	5.06	.....	15	28	200
†654	Oswego	5.33	.....	75,159 53	44,344 12	11/13/08	100 8/ 1/10	5.33	.....	16	28	9,720
655	Onond.	1.78	.....	14,488 97	7,249 48	3/30/11	100 12/21/11	1.78	.....	16-18	26, 28	57,278
656	Warren	2.12	.....	21,500 00	13,075 00	9/ 8/07	100 12/13/08	2.12	.....	14, 15	18-28	46,283
657	West.	6.01	.....	78,200 00	39,100 00	11/26/07	100 11/—/08	6.01	.....	14	26	26,611
658	Essex	3.64	.....	43,500 00	31,800 00	5/21/08	100 10/—/08	3.64	.....	14	26	47,360
659	Renss.	5.00	.....	72,358 48	36,179 24	3/23/11	100 2/—/12	5.00	.....	14	24, 26	42,294
660	Niagara	5.97	.....	70,301 63	35,150 82	12/18/07	100 8/30/10	1.88	4.09	12	26-32	13,200
661	Oswego	3.58	.....	35,947 07	19,051 95	4/ 7/10	100 11/30/10	3.58	.....	12	26-32	28,821
662	Ontario	6.07	.....	49,885 55	32,421 03	6/20/14	100 11/ 4/15	6.07	.....	12, 14	26-28	28,174
663	Chen.	4.38	.....	57,755 70	42,224 39	11/13/08	100 12/ 6/10	4.38	.....	12-20	26-28	44,366
664	Chen.	4.33	.....	45,919 51	33,521 24	4/ 7/10	100 8/—/11	4.33	.....	14	22, 24	36,069
665	Chen.	5.13	.....	64,329 89	47,604 12	4/27/10	100 7/24/12	1.65	3.48	14	24	35,564
666	Chen.	4.81	.....	62,023 98	45,277 51	3/22/11	100 1/ 8/13	4.86	.....	12-16	26	12,901
667	Chen.	2.33	.....	31,091 23	20,831 12	6/14/12	100 9/26/13	2.33	.....	12	26	24,463
									0.30	16	24	32,154
									.....	16	28	2,832
									.....	14	28	19,113

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-16' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness								Binder
Sub.	9	G. Li.	3	Sc. water.	T. Ca. Cl.	0.765 12,180				620
Sub.	6	App. St.	3	Sc. water.	CT.	0.769 13,680				621
Li.	3	Li.	3	Sc. water.		0.698 10,090			Oiled.	622
Li.	5	Li.	3	Sc. water.		0.854 11,810				
Li.	5	Li.	3	Sc. water.		0.975 11,850			Oiled.	623
Li.	3	Li.	3	Sc. water.		0.789 10,110				
App. St.	4	Sv. Grn.	12	App. (10)		0.800 13,405				624
Gr.	3	Gr.	3	App. (10)		0.811 13,090	1914	1.25	Concrete.	625
							1916	2.47	2" Bit. Mac.	
App. St.	3	Li.	2	App. (10)	CO (18)	0.859 12,740				626
Li.	3	Li.	3	Sc. water.		0.524 9,760			Oiled.	627
Li.	3	Li.	3	App. (18)		0.932 13,590				
Dol.	2 1/2	Dol.	2 1/2	Sc. water.		0.479 11,135				628
										629
Li.	3	Li.	3	App. (10)		0.935 13,340				630
Gr.	4	Gr.	2	App. (10)		0.853 12,975			Oiled.	631
Gr.	4	Gr.	3	App. (10)		0.961 13,985				632
Lo. St.	3	Set.	3	App. (3)		0.919 14,620				633
S. Con. (10)	5	Br. (19)	4			2.214 26,460				634
S. Con. (10)	5	St.	1 1/2	App. () MM.		1.664 21,300				
Li.	3	Li.	3	Sc. water.	Oil.	0.830 10,980			Oiled.	635
Li.	5	Li.	3	Sc. water.	Oil.	1.038 12,730				
Set.	3	Li.	3	Sc. water.		0.610 9,190			Oiled.	636
Sub. 5, Li. 2	7	Li.	2	App. (10)		0.853 11,210				637
Li.	4	Li.	2	App. (10) T. (17)		0.960 13,160			Oiled.	638
Sub.	7	Li.	3	App. (3)		1.187 17,590				
Sub.	7	App. St.	3	App. (3)		0.937 15,250			Oiled.	639
(Shoulders).		Li.	3	App. (3)		0.780				
(Shoulders).		App. St.	3	App. (3)		0.530				
Li.	3	Li.	2	Sc. water.		0.583 9,230	1915	0.89	Bit. Mac.	640
App. St.	3	Li.	2	Sc. water.		0.541 9,020	1914	2.09	WB. Mac.	641
							1915		Oiled.	
Li.	5	Li.	2	Ro. Asp. (14)		1.259 15,090	1913	6.03	Ro. Asp.	642
Li.	5	Li.	3	Ro. Asp. (14)	Oil.	1.573 18,040				
Li.	5	Li.	3	Sc. water.		0.860 11,320	1917	3.12	3" Bit Mac.	643
Li.	3	Li.	3	Sc. water.		0.707 12,590			Oiled.	644
Li.	5	Li.	3	Ro. Asp. (14)	Ro. Asp.	1.569 18,950	1913	4.62	Ro. Asp.	645
Li.	5	Li.	2 1/2	Ro. Asp. (14)	Ro. Asp.	1.515 18,470				
Set.	3	Set.	2	App. (1)		0.853 13,760				646
										647
Li.	5	Li.	3	Sc. water.		0.717 11,120				648
Li.	3	Li.	3	Sc. water.		0.561 9,690				
Dol.	2	Tr.	3	Sc. water.		0.780 14,750	1917	0.19	F Con.	649
Li.	3	Li.	2	Ber. (1)		0.973 15,020				650
Anor.	3	Anor.	3	Sc. water.	Li. Se.	0.765 11,450	1914	5.58	Bit. Mac.	651
							1916	0.43	2" Bit. Mac.	
Set.	3	Set.	2	App. (10)		0.999 12,420				652
Lo. St.	4	Sy. Li.	2	Sc. water.		0.777 12,210	1915	3.09	Bit. Mac.	653
Set.	4	Sy.	3	App. (2)		1.144 15,500			Oiled.	654
Sub.	7	Li.	3	App. (10)		0.981 13,925			Oiled.	655
(Shoulders).		Li.	3	App. (10)		0.603				
App. St.	3	App. St.	2	Sc. water.		0.458 9,860	1913	1.32	Bit. Mac.	656
Gr.	3	Tr.	3	Sc. water.	Oil.	0.645 13,010	1914	0.93	Bit. Mac.	657
							1916	5.08	F Con.	
							1915	3.64	Bit. Mac.	658
Gr.	4	Gr.	4	Sc. water.		0.809 12,900				659
Gr.	4	Gr.	3	App. (10)		1.174 16,000			Oiled.	660
Li.	3	Li.	3	Sc. water.		0.945 12,750				
Li.	5	Li.	3	Sc. water.		1.195 15,100				
Flid.	3 1/2	Li.	2	App. (10)		0.789 11,145				661
Gr.	5	Li.	3	Sc. water.	H.C.T. (17)	0.594 9,650				662
Bl.	4	Bl.	3	Sc. water.		0.769 14,550			Oiled.	663
Li.	3	Li.	2 1/2	Sc. water.		0.569 11,270	1917	2.40	3" Bit. Mac.	664
Sub. 5" Set. 3"	8	Set.	2	Ber. (1)		1.090 15,390			Oiled.	665
Sub. 5" Set. 2"	7	Set.	2	Ber. (1)		0.972 14,250				
Sub.	av6	Set.	2 1/2	App. (3)		0.649 14,350				666
Sub.	av6	Set.	2 1/2	App. (3)		0.636 14,230				667
S. Con. (8)	6	Se.	1	T. (17)		0.943 14,320				667

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 188 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement	
		Accepted	Under contract										
668	Chen...	1.12		\$16,561 20	\$10,708 07	4/24/12	100	1/ 8/13	1.12	14	26	9,172	
669	Onon...	5.98		82,388 06	45,231 87	3/25/11	100	1/ 7/13	5.98	14	26	49,032	
670	Onon...	3.41		48,911 88	24,455 94	2/20/14	100	11/30/14	3.41	14-16	26-30	28,800	
671	Onon...	4.31		59,433 47	27,078 53	6/12/12	100	1/ 8/13	4.24	14.34	26-38	37,581	
									0.07	34	34	1,461	
									4.97	14	26	41,060	
672	Onon...	7.21		93,114 24	46,557 12	6/17/12	100	1/25/14	1.48	14	26	12,148	
									0.76	16	26	7,115	
*673	Onon...												
674	Otego...	6.49		77,819 86	52,229 47	11/27/08	100	12/31/10	6.49	14, 16	26, 32	53,541	
675	Otego...	3.99				11/27/07	100	8/ 7/11	3.99	14, 16	24, 26	36, 63	
676	Otego...	2.01		19,462 36	12,845 16	11/27/07	100	11/ 9/08	2.01	14	20-30	16,539	
677	Otego...	4.01		40,951 38	26,946 01	2/ 4/08	400	12/21/01	0.02	16	26	201	
									3.99	14-16	26, 32	33,260	
678	Otego...	2.64		27,870 00	18,894 20	12/ 4/07	100	11/ 9/08	2.64	16	28	24,790	
679	Renss...	4.14		55,835 96	34,620 16	3/27/11	100	11/—/11	4.14	14	26	34,266	
680	Renss...	3.92		39,211 46	24,311 11	3/21/11	100	1/28/12	3.92	14-16	26, 30	32,876	
*681	Tomp...	4.72		58,376 83	32,333 87	11/13/08	100	9/ 9/11	4.72	16	20-28	44,295	
682	Tomp...	3.95		44,856 90	25,119 86	4/ 7/10	100	7/31/11	7.35	16	26	37,361	
683	Tomp...	3.57		46,347 91	25,954 83	4/ 7/10	100	12/21/11	5.37	16	26	33,554	
684	Cayuga...	4.39		59,184 85	30,061 64	12/18/07	100	7/29/09	4.39	12	24	30,930	
685	Cayuga...	4.86		63,063 31	34,054 19	11/25/08	100	12/ 1/09	4.86	14-16	26	40,211	
686	Cayuga...	8.60		118,695 81	59,592 81	4/ 9/10	100	5/27/12	6.46	14-16	24-32	55,410	
									2.14	14-16	24-32	17,710	
686A	Cayuga...	0.12		3,400 00	2,210 00	10/31/16	100	9/28/17	0.12	16	30	1,111	
687	Cayuga...	5.30		71,381 14	38,545 82	3/22/11	100	12/18/11	5.30	14	24-28	43,531	
687A	Cayuga...	0.17		3,498 40	1,889 14	2/24/12	100	9/ 9/12	0.17	14	28	1,407	
*688	Oriens...												
689	Rock...	3.53		35,400 00	19,200 00	1/30/08	100	9/ 9/08	3.53	16	28	33,115	
690	Rock...	4.25		46,408 61	23,204 31	11/13/08	100	6/22/10	4.25	14	24	34,140	
									5.48	12-27	26, 27	32,124	
691	Warren...	5.73		56,500 00	44,070 00	1/29/08	100	11/18/08	0.14	12	26	933	
									0.11	12	28	800	
*692	Warren...	8.94				1/30/08	100	11/—/08	8.94	12	26	62,934	
693	Suffolk...	3.83		37,400 00	18,700 00	1/30/08	100	11/ 2/08	3.82	116	28	35,316	
694	Suffolk...	7.65		81,276 00	40,638 00	1/28/08	100	11/28/08	7.61	14	30	61,815	
695	Cattar...	1.20		20,232 92	15,218 92	2/11/08	100	1/22/13	1.20	12	22-28	8,438	
696	Cattar...	4.04		40,339 47	25,413 87	2/11/08	100	7/31/11	4.04	12	23-38	28,462	
697	Cattar...	2.27		32,863 66	25,683 66	2/11/08	100	1/18/13	2.18	12	21	15,310	
									0.09	28	12	600	
										16	28	800	
698	Chautau...	1.03		10,600 00	5,300 00	2/ 5/08	100	11/30/08	1.03	12	28-30	7,270	
699	Sullivan...	6.57		69,400 00	58,990 00	2/11/08	100	11/16/08	6.57	14	28	53,760	
700	Sullivan...	5.14		48,854 83	43,480 80	1/30/08	100	12/14/08	5.14	14-16	28, 32	43,238	
701	Frank...	4.51		44,090 49	29,307 83	2/ 4/08	100	10/27/08	4.51	14	30	37,182	
702	Frank...	6.19		50,283 45	38,718 26	1/27/08	100	8/30/10	6.19	14	30	59,545	
703	Frank...	4.19		37,200 00	27,140 19	1/27/08	100	10/ 6/08	1.25	14	30	10,266	
									2.94	14	30	23,173	
704	Chen...	4.71		47,843 79	33,268 12	6/12/12	100	11/25/13	4.71	12-14	24-28	34,224	
705	Chen...	3.81		55,598 66	35,881 95	6/ 8/12	100	5/ 3/14	3.81	14	26	31,402	
*706	Chen...												
*707	Chen...												
									0.19	14	24	1,572	
708	Otego...	4.27		54,457 48	34,308 21	11/21/08	100	12/21/11	3.75	14	24	30,830	
									0.33	14	24	2,650	
709	Dutch...	4.69		52,369 06	26,184 53	5/ 3/11	100	8/12/12	4.69	14, 16	26, 28	39,596	
*710	Dutch...												
*711	Dutch...												
712	Dutch...	2.29		24,836 61	12,418 30	3/23/11	100	8/—/11	2.29	14	26	18,808	
									2.90	16	10	24	17,045
713	Niagara...	5.13		49,743 59	24,871 80	11/20/08	100	9/ 9/11	2.23	12	30-34	15,717	
									5.37	12	22, 30	37,060	
714	Living...	5.37		66,014 34	35,293 91	11/14/08	100	8/—/10	4.54	14	24	37,428	
715	Living...	4.54		62,412 30	32,795 37	4/15/10	100	12/21/11	4.54	14	30	18,278	
716	Living...	2.24		19,318 32	9,659 16	4/25/11	100	7/—/12	2.24	14	30	18,278	
717	Living...	5.83		58,158 67	29,079 33	5/ 2/11	100	8/24/14	5.83	14	20, 30	47,874	
718	Living...	2.12		24,353 24	12,244 61	6/15/12	100	7/14/15	2.12	14	28	18,700	

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
App. St.	4	Li.	2	Sec. water	H. O. (4)	0.823	15.765			663
Li.	3	Li.	3	Asp. (10)		0.930	14.880		Oiled	669
Li.	4	Li.	2	Asp. (7)		0.988	15.310			670
Gr.	4	Gr.	2	Asp. (7) (8) (1)		1.000	14.325			671
S. Con. (13)	5	Br. (14)	4			2.205	25.635			
Grv. Con. (17)	5			T. (17) HO (4)		0.841	12.000	1917	3.30	2 1/2" Bit. Mac.
S. Con. (17)	5			T. (17) HO (4)		0.879	12.270	1917	3.11	3" Bit. Mac.
S. Con. (17)	5	Br. (24) (23)	4			2.234	27.790			672
App. St.	4	Tr.	3	Sec. water		0.712	16.770			*673
Cal. Sh.	4	Cal. Sh.	3	Sec. water		0.713				674
Cal. Sh.	4	Tr.	3	Sec. water		0.604	10.345		Oiled	*675
	4	Sy.	3	Sec. water		0.542	8.300			676
App. St.	4	Sy.	3	Sec. water		0.838	11.030			677
Cal. Sh.	3	Cal. Sh.	3	Sec. water		0.621	10.560	1917	0.90	F. Con.
Set.	14	Set.	3	Sec. water	H. O. (10)	0.737	14.290		Oiled	678
Li.	3	Li.	3	Sec. water	H. O. (10)	0.573	10.580	1914	1.89	Bit. Mac.
Li.	4	Li. Sy.	3	Sec. water	C. O.	0.806	12.345		Oiled	680
Gr.	3	Li.	2	Sec. water	C. O. ↑	0.789	11.360		Oiled	681
Gr.	3	Li.	2	Sec. water	C. O. ↑	0.744	12.980		Oiled	682
Li.	4	Sy.	2	Sec. water		1.098	16.290	1917	1.18	2 1/2" Bit. Mac.
Set.	4	Sy.	2	Sec. water		0.723	13.300		Oiled	684
Li.	3	Sy. Tr.	2	Sec. water		1.042	14.470		Oiled	685
Li.	3	Sy. Tr.	2	Sec. water		0.932	13.440		Oiled	686
Imp. Li.	3	Imp. Li.	3	Asp. (10)		1.223	24.895			686A
Fid.	3	Tr.	3	Asp. (3)		0.947	14.580		Oiled	687
Fid.	3	Tr.	3	Asp. (10)		0.813	21.480		Oiled	687A
Tr.	3	Tr.	3	Sec. water		0.635	10.690	1915	3.53	3" Bit. Mac.
Set.	3	Tr.	3	Asp. (10)		0.809	12.030		Oiled	689
Anor.	3	Anor.	3	Sec. water		0.562	11.035			†690
Anor.	4	Anor.	3	Sec. water		0.651	11.870	1912	5.73	Bit. Mac.
Anor.	4	Anor.	3	Sec. water		0.829	13.540			691
Gr.	3	Gr.	3	Sec. water		0.525				*692
App. St.	3	Tr.	3	Sec. water	Oiled	0.775	9.790	1915	3.82	Bit. Mac.
App. St.	3	Tr.	3	Sec. water		0.903	11.510		Oiled	693
Grv. Con. (1)	6	Li.	12	Sec. water	T. (16) H. O. (4)	0.800	10.090		Oiled	694
Cal. Sh.	6	Li.	12	Sec. water		0.801	11.630		Oiled	†695
Grv. Con.	6			Sand. HO.		0.928	20.455		Oiled	696
Grv. Con.	6			Sand. HO.		0.928	20.455			697
App. St.	5	Grv. Li.	3	Sec. water	(Shoulders)	0.635				
Li.	5	Li.	3	Sec. water		0.906	12.270	1917	1.03	F. Con.
Set.	3	Set.	3	Sec. water		0.624	11.310	1915	3.50	Bit. Mac.
Set.	3	Set.	3	Sec. water		0.557	11.090	1917	3.07	3" Bit. Mac.
Set.	3	Set.	3	Sec. water		0.600	10.270	1917	2.50	2 1/2" Bit. Mac.
Gr.	3	Gr.	3	Sec. water		0.581	8.430	1915	4.51	Bit. Mac.
Set.	3	Set.	3	Sec. water		0.672	8.800	1913		Oiled
Set.	4	Set.	3	Sec. water		0.830	10.280		Oiled	702
Grv.	6	Grv.	3	Water	H. O. (10)	0.511	11.397			704
Sub.	6	App. St.	3	Sec. water	H. O. (3) (10)		16.600			705
										*706
										*707
Sub.	6	Tr.	2	Asp. (10)		1.157	15.980			†708
App. St.	4	Tr.	2	Asp. (10)		0.932	13.870			
App. St.	4	Tr.	2	Asp. (10)		1.105	15.490			
Li.	3	Li.	3	Sec. water	H. O.	0.641	11.770			709
										*710
Li.	3	Li.	3	Sec. water		0.577	11.530			*711
Li.	3	Li.	3	Sec. water		1.042	11.890		Oiled	712
Fid. 24, Li. 54	9	Li.	3	Sec. water		1.090				†713
Li.	5	Li.	3	Sec. water		1.670	9.470			
Bl.	5	Li.	3	Sec. water		0.900	14.440		Oiled	714
Gr.	3	Li.	3	Sec. water		0.775	14.620		Oiled	715
Gr.	3	Li.	3	Sec. water		0.538	5.050		Oiled	716
Li.	3	Li.	3	Li. Sec. water		0.985	13.760			717
S. Con. (1)	6			T. (16) H. O. (4)		0.812	11.840			718

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1719	Greene	5.56	.....	\$67,298 02	\$39,807 45	2/11/08	100	10/24/10	5.56	14	28	45,670
720	Wash.	4.75	.....	50,500 00	28,785 00	2/ 5/08	100	11/18/08	4.75	14	28	6,520
720A	Wash.	4.24	.....	2,274 54	1,296 49	6/15/11	100	9/ 4/12	0.24	14	28	3,982
721	Wash.	3.12	.....	28,200 00	16,074 00	1/29/08	100	11/24/08	3.12	14	28	1,992
722	Wash.	2.06	.....	21,400 00	12,198 00	2/ 3/08	100	11/18/08	2.06	14	28	2,316
723	Wash.	4.77	.....	36,245 97	20,661 03	11/14/08	100	8/ 3/10	4.77	14	28	12,636
724	Wash.	3.98	.....	44,651 26	25,451 22	2/18/10	100	8/—/11	3.98	14	28	12,053
1725	Chem.	0.89	.....	13,396 51	6,648 25	11/2/08	100	11/22/09	0.89	16	32	16,956
726	Madison	7.53	.....	83,250 00	45,787 50	2/11/08	100	11/23/08	7.53	12, 10	28-31	25,008
727	Madison	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,550
728	Rock	2.82	.....	37,045 17	18,522 38	2/19/10	100	7/—/11	2.82	16	28	69,159
1729	Niagara	3.19	.....	30,481 40	15,240 70	4/ 7/10	100	12/ 1/10	3.19	12, 16	28	26,503
730	Cattar.	3.44	.....	37,422 17	21,330 64	1/30/08	100	12/ 1/09	3.44	12, 16	28, 32	13,096
731	Cattar.	2.05	.....	22,100 00	12,597 00	1/30/08	100	12/ 9/09	2.05	16	32	32,298
732	St. Law.	87.9	.....	75,550 00	44,971 59	4/23/08	100	12/ 4/10	8.79	12	28	19,234
733	St. Law.	8.01	.....	80,078 41	46,450 47	4/23/08	100	12/ 4/10	8.01	12	20, 28	61,866
734	St. Law.	5.11	.....	47,467 59	29,865 65	11/25/08	100	12/ 4/10	5.11	12	20, 28	56,385
735	St. Law.	7.52	.....	93,405 70	59,448 59	2/18/10	100	12/ 4/10	7.52	14, 16	24-32	31,514
736	Warren	4.12	.....	37,490 30	29,234 64	11/14/08	100	1/30/11	4.12	14	20	5,981
737	Cort.	5.75	.....	62,112 64	39,130 96	11/25/08	100	8/26/10	5.75	12-14	22-26	65,343
738	Cort.	6.50	.....	78,483 25	43,792 71	6/ 2/10	100	11/—/11	6.50	12-14	22-26	33,516
739	Orange	.....	.....	.....	.....	.....	.....	.....	.....	15	26	18,969
740	Niagara	2.75	.....	30,824 00	15,417 00	4/ 7/10	100	12/14/10	2.75	16	32	25,479
741	Saratoga	4.06	.....	47,760 83	23,880 41	3/27/11	100	9/—/11	4.06	14	24, 28	33,360
742	Steuben	4.33	.....	52,700 00	29,512 00	1/30/08	100	11/18/08	4.33	16	22-30	40,896
743	Suffolk	4.0	.....	44,600 00	22,300 00	1/30/08	100	12/11/08	4.08	16	28	38,400
744	Essex	3.77	.....	30,394 80	22,188 20	5/18/09	100	10/—/09	3.77	14	28	31,001
745	Essex	5.46	.....	71,899 56	36,081 66	5/18/08	100	11/21/09	5.46	14	24, 28	46,320
746	Oswego	1.11	.....	12,062 02	7,719 69	4/15/10	100	12/—/10	1.11	14	28	9,115
747	Dela.	5.99	.....	92,783 07	69,494 83	12/ 5/08	100	11/—/09	5.99	16	28-32	55,281
748	Dutch	5.4	.....	185,982 13	44,466 80	4/27/11	100	10/11/12	5.4	16	28-30	33,007
749	Niagara	10.30	.....	.....	.....	6/23/11	100	2/21/11	10.30	16	28-30	18,468
750	Erie	5.94	.....	68,632 94	35,689 13	11/14/08	100	9/21/10	5.94	12	32-35	96,680
1751	Erie	7.03	.....	177,144 11	102,743 58	5/28/10	100	9/ 4/12	7.03	13-25	29-38	11,697
752	Cayuga	2.75	.....	32,481 12	16,553 00	6/15/12	100	11/12/13	2.75	12, 16	28	11,658
753	Cayuga	1.41	.....	12,905 49	6,581 80	6/29/12	100	12/20/12	1.41	12	26	66,323
754	Steuben	1.45	.....	12,856 18	6,813 78	11/14/08	100	8/13/10	1.45	12	24	21,147
755	Albany	4.25	.....	53,212 68	30,436 87	4/12/10	100	9/ 9/11	4.25	14-24	24-28	9,905
756	Essex	7.03	.....	92,342 46	72,027 12	5/18/08	100	12/ 3/09	7.03	12	24	10,221
757	Niagara	.....	.....	40,641 48	20,550 28	6/21/12	100	11/13/13	4.06	14-16	28-32	23,317
758	Niagara	8.33	.....	111,294 25	60,161 26	3/ 5/14	100	11/26/13	8.33	16	28-32	12,867
758A	Niagara	.....	.....	.....	.....	.....	.....	.....	.....	14	24	57,528
759	Niagara	2.15	.....	53,558 74	32,251 18	6/12/12	100	7/21/13	2.15	16	32	4,707
760	Monroe	3.83	.....	32,269 36	16,400 08	3/ 6/14	100	12/ 7/14	3.83	16	32	21,714
761	Oncida	6.2	.....	80,468 20	40,393 43	4/ 9/10	100	12/30/11	6.2	16	32-38	78,503
762	Colum.	6.02	.....	87,515 33	49,720 50	3/ 2/10	100	6/13/11	6.02	16	26	20,184
763	Colum.	7.14	.....	151,100 00	77,784 34	4/ 4/11	90	.....	1.14	12	26	35,955
764	Monroe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,954
765	Renss.	4.12	.....	41,571 70	20,735 85	4/29/12	100	1/ 8/13	4.12	12	26	66,718
766	Monroe	7.12	.....	86,236 63	43,118 31	1/13/15	100	10/26/16	7.12	12	26	50,025
767	Monroe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50,023
768	West.	5.86	.....	59,973 52	39,986 76	6/20/08	100	8/ 1/10	5.86	14	24, 28	48,420
769	West.	4.21	.....	44,591 40	22,295 70	11/20/08	100	12/22/10	4.21	14	22-28	34,476

* See list by counties.

† Changed from original plans.

‡ Including \$2,032.50 additional paid by village.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Cal. Sh.	3	Cal. Sh.	5	Asp. (2) Ber. (1)	0.902	12,500				†719
App. St.	3	App. St.	3	So., water.	0.450					
Set.	3	Tr. f.	3	So., water.	0.767	11,520			Oiled.	720
Li.	3	Li.	3	So., water.	0.611	10,145				720A
App. St.	3	App. St.	3	So., water.	0.575	10,330				
		Tr.	3	So., water.	0.659	11,120	1915	1.86	Bit. Mac.	721
		Grv.	6	So., water.	0.158	6,410				
Fld.	3	Fld.	3	So., water.	0.571	11,050			Oiled.	722
Grn.	3	Grn.	3	So., water.	0.455	8,070	1917	0.93	1" WB	723
Qrs.	4	Qrs.	2	Asp. (10)	0.750	12,980	1917	3.98	2" Bit. Mac.	724
Li.	3	Tr.	3	So., water.	0.771	11,350	1915	0.15	Hendersonian	†725
Li.	4	Sy.	2	So., water.	0.805	11,203			Oiled.	726
										*727
App. St.	4	Tr.	12	Asp. (10)	0.739	13,147			Oiled	728
Li.	5	Li.	2	Asp. (3)	0.793	11,270	1916	3.19	2½" Bit. Mac.	†729
Li.	4	Li.	2	Asp. (3)	0.702	10,397				
Li.	4	Li.	4	So., water.	0.893	10,815			Oiled.	730
Li.	4	Li.	4	So., water.	0.921	10,975			Oiled.	731
Li.	4	Li.	2	So., water.	0.739	10,348	1915	8.70	Bit. Mac.	732
Grn., Li.	4	Grn., Li.	2	So., water.	0.735	10,345	1916	5.59	Bit. Mac.	733
							1916	2.52	3" Bit. Mac.	
Grn.	4	Gn.	2	So., water.	0.671	10,640			Oiled.	734
Grn.	4	Gn.	2	Asp. (3)	0.840	12,225			Oiled.	
Gn.	4	Gn., Gn.	2	Asp. (10)	0.891	12,710			Oiled.	735
Gn.	3	Gn. f.	2	So., water.	0.495	9,720	1915	4.12	Bit. Mac.	736
Li.	3	Li.	3	Asp. f (10)	0.872	13,150				737
Li.	3	Sy.	3	So., water.	0.649	11,090				
Li.	4	Li.	2	Ber. (1)	0.971	12,460			Oiled.	733
										*739
Li.	4	Li.	2	Ber. (1)	0.722	11,470			Oiled.	740
Gn.	14	Gn.	3	Asp. (10)	0.825	12,720			Oiled.	741
Set.	4	Li.	3	So., water.	0.890	12,170			Oiled.	742
App. St.	3	Tr.	3	So., water.	0.888	10,930	1913	2.33	Bit. Mac.	743
							1916	1.75	F. Con	
Li.	3	Li.	3	So., water.	0.543	8,575	1917	3.77	3" Bit. Mac.	744
Gn.	3	Gn.	3	Asp. (10)	0.985	13,140	1914	0.39	Bit. Mac.	745
Sub. 5" Fld. 2"	7	Li.	2	So., water.	0.685	11,700			Oiled.	745
Set.	4	Tr.	2	Asp. (10)	1.033	15,570				747
Qrs.	3	Li.	3	App. (10) (3)	0.905	15,710				748
Qrs.	3	Li.	3	So., water.	0.634	13,160				
Li.	3	Li.	3	Asp. (2)						*749
Li.	5	Li.	3	Ro. Asp. (14)	1.063	13,685				750
Li.	5	Li.	2½	Ro. Asp. (14)	1.040	13,420				
S. Con (1) (16)	5	Br. (7, 9, 22, 23, 27)	4		2.124	24,550				†751
Sub.	6	App. St.	2	So., water.	0.563	13,330	1917	0.77	F. Con.	752
Grv.	6	Grv.	3	Glu. (20)	0.779	10,990				753
Set.	5	Li.	3	So., water.	0.874	10,905			Oiled.	754
Li.	4	Li.	3	Asp. (10)	0.960	15,930				755
Li.	4	Li.	2	Asp. (10)	0.835	14,760				
Gn.	4	Gn.	2½	So., water.	0.811	14,110	1912	7.03	Bit. Mac.	756
S. Con (5) (11)	5	Br. (19)	4		2.011	24,145				757
S. Con (5) (11)	6		T. (17)	H.O. (3)	0.876	11,890				*758
		F Con (6,8)	6½		1.093	13,300				753A
S. Con. (11)	5	Br. (1) (10) (25)	4		1.983	24,250				759
Set.	4	Gn.	3	So., water.	0.635	7,840				760
Li.	4	Li.	13	Asp. (10)	0.933	12,490			Oiled.	761
Li.	4	Li.	2	Ber. (1)	0.892	14,540			Oiled.	762
Qrs.	3	Qrs.	3	Asp. (10)	0.880	23,483				*763
Grv.	3	Grv.	3	(Shoulders)	0.324					
										*764
Grv.	6	Grv.	4		0.557	10,090			Oiled.	765
Grv.	5	Li.	3	So., water.	0.679	12,109				766
				H. O. (10)						767
Gn.	3	Gn.	2	So., water.	0.413	10,700				768
Gn.	3	Gn.	2	Asp. (2)	0.679	11,400				†769

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
770	West...	3.50	.....	\$54,794 77	\$27,397 39	5/13/10	100	1/23/12	3.50	14	28	28,716
*771	Niagara	3.70	.....	52,781 08	30,601 41	3/22/11	100	12/21/11	3.78	16	30	34,759
772	Oswego	.....	2.38	32,000 00	16,273 43	8/24/16	.....	.....	.....	16	28	22,354
*773	Niagara	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
774	West	4.42	.....	48,714 64	24,357 32	2/19/10	100	1/4/11	4.42	14	24,26	26,090
775	Clinton	7.26	.....	74,511 30	37,373 70	2/19/10	100	12/10/10	7.26	14	24,28	59,639
777	Clinton	4.33	.....	45,476 24	35,057 63	3/22/11	100	12/18/11	4.33	14-16	26,32	28,403
*778	Clinton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
*779	Clinton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
780	West	2.91	.....	40,476 58	20,238 29	3/17/10	100	7/31/11	2.91	16	28	26,885
781	Oswego	0.80	.....	9,342 00	6,185 72	9/30/08	100	11/7/08	0.80	16	26,23	7,584
782	Oswego	0.43	.....	4,700 00	3,102 00	9/22/08	100	11/9/08	0.43	14-35	25-30	3,563
783	Oswego	0.61	.....	7,209 00	4,830 03	9/22/08	100	11/9/08	0.61	14-16	26-34	6,272
*784	Oswego	3.12	.....	46,320 78	23,255 67	11/14/08	100	11/15/10	3.12	16	24-32	29,256
*785	Oswego	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
786	Oswego	3.76	.....	42,151 84	28,689 01	4/9/10	100	1/19/12	3.76	14	28	30,904
787	Oswego	0.47	.....	7,606 94	4,640 23	4/9/10	100	2/17/11	0.47	12-13	33	3,463
*788	Scheneco	7.20	.....	86,331 10	45,006 67	11/14/08	100	12/19/10	4.63	14	26	38,021
789	Scheneco	5.71	.....	77,566 49	44,212 90	2/19/10	100	1/23/12	2.57	14	28	21,124
790	Albany	2.17	.....	28,233 09	14,101 54	3/21/11	100	9/9/11	5.74	14	28	47,160
*791	Albany	.....	.....	.....	.....	.....	.....	.....	2.17	16	24,26	20,369
*792	Albany	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
793	Scheneco	2.34	.....	26,101 22	13,050 61	3/31/11	100	9/9/12	2.34	14	34	19,596
*794	Suffolk	9.91	.....	131,358 22	65,679 11	11/14/08	100	9/22/10	9.99	16,19	32	94,440
*795	Shilivan	6.20	.....	82,865 50	72,092 98	11/20/08	100	7/19/10	6.20	14	26	51,024
796	Greene	4.62	.....	57,436 19	38,482 25	11/14/08	100	12/16/09	4.62	16	26,28	43,372
797	Greene	3.41	.....	47,390 96	32,225 85	2/19/10	100	1/5/11	2.14	16	22-32	20,050
798	Putnam	2.82	.....	53,243 37	26,621 69	2/17/10	100	12/22/10	1.27	16	26-36	11,931
799	Niagara	4.21	.....	59,335 21	30,897 89	9/14/15	100	1/11/15	1.80	14	26	14,796
800	Niagara	.....	7.78	124,000 00	66,485 00	6/9/16	13	.....	1.02	14	26	8,332
801	Albany	4.64	.....	47,155 24	33,008 67	4/5/10	100	2/13/13	4.21	16-30	32	39,658
802	Wash	5.24	.....	64,671 39	41,639 40	3/30/11	100	2/9/14	1.04	16	32	10,130
803	Wash	8.23	.....	71,609 91	41,616 17	5/3/12	100	6/14/14	6.61	16	32	62,081
804	Warren	7.03	.....	81,668 67	62,884 88	2/19/10	100	1/8/12	0.09	16	32	889
805	Warren	3.67	.....	37,913 46	24,643 75	4/20/11	100	1/5/12	4.64	14	24-32	38,101
806	Chem	5.61	.....	96,735 21	47,845 56	10/20/14	100	12/28/15	2.85	14-26	24-43	23,663
*807	Chem	.....	.....	.....	.....	.....	.....	.....	2.39	14	24	19,639
808	Chem	0.97	.....	20,639 00	13,002 57	12/22/08	100	12/25/09	4.55	14-16	30,32	38,211
809	Chem	0.70	.....	12,940 96	9,188 08	12/22/08	100	11/20/09	3.68	14-16	30,32	30,700
810	Monroe	1.03	.....	9,742 25	4,866 12	3/12/14	100	9/20/14	4.46	14,16	26	37,539
911	Madison	2.33	.....	25,096 97	16,703 03	4/17/10	100	10/25/10	2.63	14	26	21,644
812	Madison	4.80	.....	52,163 05	28,689 68	4/17/10	100	12/17/10	0.86	16	28	8,100
*813	Herk	.....	.....	.....	.....	.....	.....	.....	1.90	16	28	17,804
814	Jeff	5.31	.....	55,964 23	30,742 50	6/12/12	100	12/2/13	0.92	16	28	8,663
815	Saratoga	6.23	.....	86,658 11	48,377 75	3/27/11	100	3/22/12	1.12	16	28	10,496
*816	Saratoga	.....	.....	.....	.....	.....	.....	.....	0.12	14	36	43,650
817	Saratoga	3.57	.....	39,773 15	22,351 55	8/31/15	100	1/29/17	0.28	16,14	30-45	11,041
*818	Saratoga	.....	.....	.....	.....	.....	.....	.....	1.24	16,14	30-32	8,606
*819	Saratoga	.....	.....	.....	.....	.....	.....	.....	3.79	16,14	25-40	31,650
820	Frank	6.52	.....	66,177 82	48,971 59	2/18/10	100	11/28/10	3.49	14	26	28,713
									0.08	14	26	622
									6.52	14-16	28-36	53,924

* See list by counties.

† Changed from original plans.

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Gn.	3	Gn.	3	Asp. (3) (10)	0.814	16,320			770	
Set.	4	Set.	3	Asp. (3)	0.915	14,010		Oiled.	*771	
Sub.	9	App. St.	3	Sc. water.	0.904	11,645			772	
Gn.	4	Gn.	12	Asp. (10)	0.813	12,010		Oiled.	*774	
Set.	4	Set.	2	Asp. (10)	0.802	11,210		Oiled.	775	
Li.	3	Li.	3	Asp. (3)	0.784	10,760			776	
Gn.	4	Tr.	2	Asp. (10)	0.841	13,910		Oiled.	*777	
App. St.	3	App. St.	3	Sc. water.	0.825	11,680			780	
App. St.	4	Tr.	2	Sc. water.	0.806	11,710			781	
App. St.	4	Tr.	2	Sc. water.	0.776	10,490		Oiled.	782	
Set.	3	Li.	3	Asp. (10)	0.969	14,850			783	
Li.	3	Li.	3	Sc. water.	0.720	11,880		Oiled.	*784	
Con. (5)	6	Br. (10)	4	Sc. water.	1.953	20,135	1917	2.73	2" Bit. Mac.	*785
Li.	3	Li.	3	Asp. (10)	1.017	14,910			786	
Gn.	3	Set.	13	Asp. (10)	0.976	14,640			787	
Set.	3	Set.	3	Asp. (10)	0.664	13,020	1914	0.51	Brick.	*788
Li.	3	Li.	3	Sc. water.	0.758	11,930			789	
Tr.	3	Tr.	3	Asp. (10)	1.146	12,515	1917	1.34	2" Bit. Mac.	*790
Set.	3	Set.	3	Asp. (2)	0.722	14,200	1917	1.61	F. Con.	791
Set.	3	Set.	2	Asp. (2)	0.785	12,430	1914	2.45	2 1/2" Bit. Mac.	*792
Set.	4	Set.	2	Asp. (10)	0.818	13,440		2.13	Bit. Mac.	793
Set.	4	Set.	3	Asp. (10)	0.930	14,490			796	
Gn.	4	Gn.	13	Asp. (10)	0.827	20,240			797	
Gn.	4	Gn.	7	Asp. (10)	0.744	19,460			798	
F. Con. (20)	7	P	1	Sc. water.	1.042	13,320			799	
F. Con.	8	P	1	Sc. water.	1.426	17,060			800	
F. Con.	7	P	1	Sc. water.	1.231	15,230			801	
App. St.	5	App. St.	2	Sc. water.	1.124	13,125	1914	4.64	Bit. Mac.	*802
Li.	6	Li.	3	Sc. water.	0.701	11,270			803	
Li.	6	Li.	3	Sc. water.	0.556	12,180			804	
Li.	6	Li.	3	Sc. water.	0.703	13,560			805	
Li.	6	Li.	3	Sc. water.	0.624	9,134			806	
Li.	6	Li.	3	Sc. water.	0.628	9,173	1915	0.19	Bit. Mac.	*807
Gn.	6	Gn.	2	Asp. (10)	0.706	11,961			808	
Gn.	4	Gn.	3	Asp. (10)	0.803	12,872			809	
Gn.	4	Gn.	3	Asp. (1)	0.713	11,130			810	
Li.	6	Li.	3	Sc. water.	0.760	13,730			811	
Br. (32, 14)	5	Br. (32, 14)	4	Sc. water.	2.089	26,210			812	
Tr.	3	Tr.	3	Asp. (12)	1.171	18,290			*813	
Li.	3	Li.	3	Asp. (10)	0.862	16,030			814	
Li.	3	Li.	3	Sc. water.	0.467	9,248	1915	2.39	Bit. Mac.	815
Li.	3	Li.	2	Sc. water.	0.554	11,410				

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
821	Essex...	5.50	.....	\$63,103 36	\$47,327 52	2/16/10	100	8/ 7/11	5.50	14	24, 28	45,288
822	Clinton.	6.72	.....	71,658 12	57,878 95	10/ 6/14	100	11/18/15	0.92	14	26	7,583
823	Sullivan	4.83	.....	76,190 22	66,235 49	4/ 9/10	100	1/23/12	1.80	14	26	14,817
824	Sullivan	3.34	.....	53,293 97	46,365 75	4/27/11	100	10/10/12	4.00	14	26	33,000
825	Oswego.	3.33	.....	39,917 11	23,151 92	3/25/11	100	12/21/11	4.83	14	24	39,663
826	Oswego.	5.91	.....	65,029 27	36,490 79	3/23/11	100	1/ 8/12	3.34	14	24	27,420
827	Colum.	6.70	.....	85,244 44	42,622 22	6/13/12	100	12/10/13	3.33	14	28	27,372
828	Living..	7.17	.....	106,998 98	56,549 34	6/14/12	100	1/16/13	5.91	14	28	43,563
829	Living..	4.17	.....	44,473 90	22,608 03	3/18/14	100	10/ 1/14	6.70	14, 16	24	55,036
830	Living..	3.56	.....	35,490 03	21,648 92	5/10/15	100	9/22/16	3.33	14, 16	28	27,749
831	Herk....	5.63	.....	57,849 75	34,709 85	5/14/15	100	2/ 9/17	3.84	14	28	31,566
832	Niagara.	2.51	.....	47,644 09	24,668 66	6/18/12	100	10/26/13	4.17	16	26-32	39,103
833	Onesago.	5.43	.....	55,632 56	37,796 37	3/24/11	100	8/12/13	3.56	16	26	32,429
834	Broome.	7.50	.....	82,784 35	44,703 55	4/ 5/10	100	2/20/11	5.63	16	25	52,940
835	Jeff....	7.04	.....	71,330 38	46,397 25	3/12/14	100	11/30/14	1.33	16	32	12,480
836	Jeff....	.....	.....	.....	.....	.....	.....	.....	1.18	16	32	11,121
837	Oneida..	4.74	.....	56,439 02	31,041 46	3/23/11	100	1/23/12	5.43	14	24	44,666
838	Oneida..	0.56	.....	9,103 57	4,733 86	3/23/11	100	1/23/12	7.50	14, 16	26, 32	62,361
839	Oneida..	1.20	.....	13,861 57	7,901 09	3/27/11	100	1/18/12	1.92	12, 16	24	14,029
840	Oneida..	4.37	.....	55,618 47	27,809 24	5/10/11	100	4/23/12	5.12	12, 16	22-26	36,340
841	Essex...	4.45	.....	60,903 07	43,857 05	2/19/10	100	1/30/11	4.61	16	26	43,240
842	Saratoga	0.27	.....	4,650 46	2,325 23	2/19/10	100	11/17/10	0.13	16	26	1,255
843	Warren.	0.17	.....	2,633 32	1,711 66	5/24/10	100	1/ 5/12	0.56	16	28	5,220
844	Jeff....	1.06	.....	14,191 83	7,379 75	6/19/12	100	7/30/13	1.20	16	28	11,285
845	Tioga...	4.01	.....	38,616 35	25,872 95	4/13/10	100	12/18/11	4.37	16	28	39,850
846	Suffolk..	5.28	.....	83,917 96	41,958 98	4/14/10	100	1/24/13	4.45	16	24, 28	41,760
847	Lewis...	5.42	.....	62,768 40	43,310 20	4/ 7/10	100	1/23/12	0.27	16	26	2,543
848	Hamilton	3.74	.....	53,887 35	37,721 14	4/11/10	100	2/ 8/11	0.17	16	28	1,926
849	Albany...	1.10	.....	28,447 74	14,207 36	5/28/10	100	1/24/13	1.06	16	28, 32	9,950
850	Steuben.	6.13	.....	71,091 69	42,218 44	4/ 5/10	100	12/21/11	4.01	14	24	32,936
851	Monroe..	1.09	.....	15,000 08	7,500 04	4/ 7/10	100	11/16/10	0.25	16	32	2,311
852	Cayuga..	0.81	.....	12,624 14	6,462 07	4/ 7/10	100	7/14/11	5.08	16	32	47,230
853	Genesee.	4.07	.....	16,700 86	8,350 43	4/ 9/10	100	12/ 1/10	5.42	14	28	44,543
854	Wyom...	4.50	.....	56,274 19	29,825 32	4/ 7/10	100	1/12/11	3.74	14	24	30,747
855	Living..	0.47	.....	8,617 07	4,308 54	4/ 7/10	100	1/31/11	1.10	14-36	28-36	11,374
856	Living..	1.32	.....	19,551 91	9,775 95	4/ 9/10	100	12/14/10	5.21	14	24	44,031
857	Chaut...	1.62	.....	37,558 75	18,779 39	4/13/10	100	9/ 9/11	0.72	16	28-40	6,770
858	Broome..	4.24	.....	57,200 00	32,032 00	3/22/11	100	10/10/12	0.27	12-16	32	2,459
859	Essex...	0.57	.....	16,419 64	10,220 63	5/28/10	100	12/18/11	0.03	16	32	267
860	Clinton..	0.87	.....	.....	.....	.....	.....	.....	0.79	14-20	16-32	7,457
861	Wayne...	3.46	.....	21,370 76	10,685 38	6/ 6/11	100	1/ 5/11	0.81	16	24-28	7,604
862	Wayne...	1.98	.....	15,105 29	7,552 64	6/10/10	100	8/ 8/11	1.21	12	22	8,532
863	Erie....	0.97	.....	49,357 11	13,432 17	6/25/10	100	9/ 9/11	2.86	12	22	20,088
864	Erie....	1.04	.....	24,821 01	12,410 51	5/28/10	100	12/22/10	4.50	16	30	42,205
865	Mont...	0.86	.....	23,720 81	8,704 50	6/ 3/10	100	1/24/12	0.47	16-22	30-45	4,327
866	West....	2.06	.....	92,177 21	23,292 10	6/ 2/10	100	3/22/12	1.32	16	33	12,404
867	Erie....	2.01	.....	47,675 97	23,837 98	5/25/10	100	1/ 8/12	1.62	16	32	15,972
868	Living..	1.09	.....	12,308 18	6,154 09	8/ 9/10	100	6/30/11	4.24	14	24	34,799
869	Herk....	2.06	.....	42,496 64	13,602 09	8/12/10	100	2/14/12	0.42	16-60	30-60	12,474
870	Herk....	.....	.....	.....	.....	.....	.....	.....	0.11	16	32	1,036
871	Herk....	.....	.....	.....	.....	.....	.....	.....	3.46	14 10	22	20,304
872	Herk....	.....	.....	.....	.....	.....	.....	.....	1.41	10	22	8,120
873	Herk....	.....	.....	.....	.....	.....	.....	.....	0.57	10	22	8,273
874	Herk....	.....	.....	.....	.....	.....	.....	.....	.....	10	22	3,333
875	Herk....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	4,656
876	Herk....	.....	.....	.....	.....	.....	.....	.....	0.97	23-30	30	17,034
877	Herk....	.....	.....	.....	.....	.....	.....	.....	1.04	116	26-48	9,800
878	Herk....	.....	.....	.....	.....	.....	.....	.....	0.09	16-34	28-65	1,192
879	Herk....	.....	.....	.....	.....	.....	.....	.....	0.77	16-34	30-37	10,524
880	Herk....	.....	.....	.....	.....	.....	.....	.....	2.03	16-34	33-30	27,300
881	Herk....	.....	.....	.....	.....	.....	.....	.....	0.51	30	30	9,376
882	Herk....	.....	.....	.....	.....	.....	.....	.....	0.42	30 / 24	30	7,200
883	Herk....	.....	.....	.....	.....	.....	.....	.....	2.01	6	30	1,800
884	Herk....	.....	.....	.....	.....	.....	.....	.....	1.09	16	28	18,868
885	Herk....	.....	.....	.....	.....	.....	.....	.....	1.09	16	33	10,249
886	Herk....	.....	.....	.....	.....	.....	.....	.....	1.67	16-28	26-32	16,010
887	Herk....	.....	.....	.....	.....	.....	.....	.....	0.39	28	28	6,765

* See list by counties.

† Changed from original plans.

‡ Includes Hy. No. 471.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sub. 12' Ga. 2'	4 Sy.	2 Asp. (10)			0.789	12,350			821	
Sub. 6" Ga. 2'	14 Gn.	3 Sc. water			1.010	13,632				
	8 Gn.	3 Sc. water			0.789	11,688			822	
	4 Gn.	3 Sc. water			0.639	10,749				
	4 Set.	12 Asp. (10)			0.658	17,060			823	
	3 Set.	3 Asp. (10)			0.675	17,200			824	
	6 Li.	3 Asp. (10)			0.840	12,970			825	
	3 Set.	3 Asp. (3)			0.801	11,820			826	
	6 Li.	3 Sc. water		H. O. (3)	0.735	13,843			1827	
	3 Li.	3 Asp. (10)			1.012	17,270			1828	
	6 Li.	3 Asp. (10)			0.997	17,130				
	4 Li.	3 Sc. water			0.784	10,500			829	
	9 Li.	3 Sc. water		T (17)	6.855	9,965			830	
	9 Sy.	3 Li. Sc. water		HC CT (17)	0.591	10,360			831	
Com (10)	5 Br. (22)	4			2.027	24,030			832	
	3 Li.	3 Asp. (1)†			0.786	12,330				
	6 Set.	2 Sc. water		H. O. (10)	0.728	11,220		1.18	Oiled	833
	A 6 Tr.	A 2 Sc. water		H. O. (10)	0.855	11,945			834	
	3 Li.	3 Sc. water			0.622	10,530			835	
Sub. 6 Li. 2'	8 Li.	3 Sc. water			0.858	12,740			836	
	3 Li.	3 Asp. (10)			0.771	11,860			837	
	4 Li.	3 Asp. (10)			0.851	12,610				
	6 Sy.	3 Asp. (10)			1.023	16,940			838	
	3 Li.	3 Sc. water			0.648	11,310			839	
	3 Sy.	3 Asp. (3)			1.032	12,730			840	
	4 Li.	2 Asp. (10)			0.704	13,690			841	
	4 Grv. (MM)	2 Asp. (1)			1.134	17,280	1913	0.27	Bit. Mac.	842
	4 Li.	2 Asp. (1)			0.836	13,860			843	
	3 Li.	3 Asp. (7)			0.867	13,020			844	
	6 Li.	2 Sc. water		CO.	0.594	9,630			845	
	4 Tr.	3 Asp. (3)			1.226	14,675			1846	
	4 Grv.	2 Asp. (3) MM.			1.327	15,685				
	4 Li.	2 Trn. (1)			0.913	12,580			847	
	3 Gn.	2 Sc. water			0.571	15,065			848	
	4 Li.	2 Asp. (1)			1.137	24,085			849	
	3 Set.	2 Sc. water		H. O. (10)	0.542	12,995			850	
Com (3)	6 Br. (10)	4			1.860	24,365				
Sub. 6" Li. 3'	9 Li.	2 Asp. (10)			0.977	13,880				
Sub. 17' Li. 3'	15 Li.	2 Asp. (10)			1.222	16,230			851	
	4 Li.	2 Asp. (10)			0.831	12,560				
	4 Sy.	2 Asp. (1)			1.044	15,960			852	
	4 Li.	3 Sc. water			0.511	16,390	1914	4.07	WB. HC. CT.	853
	4 Li.	3 Sc. water			0.250	2,940				
	4 Li.	2 Asp. (1)			0.939	12,310	1915	1.28	WB. Mac.	854
	3 Li.	3 Sc. water			0.722	16,380			855	
	4 Li.	2 Asp. (10)			1.115	14,590			856	
Com (16)	5 Br. (11)	4			1.901	21,930			857	
	6 Tr.	2 Sc. water		H. O. (9, 10)	0.900	14,805			858	
	4 Anor.	13 Ber. (1)		H. O. (1)	0.828	12,730			859	
					0.081					
	7 Li.	2 Sc. water			0.587	7,990			860	
	7 Li.	3 Sc. water			0.622	10,350				
	15 Li.	2 Sc. water			0.862	11,200			861	
		2 Sc. water			0.188					
	5 Br. (9, 22)	4			1.944	27,890			862	
Com (1) (9)	5 Br. (9)	4			2.033	23,525			863	
Com (3) (16)	5 Med. Bk.	4			2.540	35,040			864	
Com (8)	13 Li.	13 Ber. (1)			0.895	19,600				
	4 Gn.	13 Asp. (3)			0.879	19,620				
Com (7)	5 Br. (7)	4			2.280	32,770	1915	0.54	2" Bit. Mac.	865
	4 Gn.	13 Asp. (3)			0.879	19,620				
Com (7)	5 Br. (7)	4 (shoulders)			2.280					
Com (1)	5 Br. (9)	4			2.304	23,720			866	
	4 Li.	13 Ber. (1)			0.894	11,040	1916	0.10	Brick	867
							1916	0.96	Bit. Mac.	
									Oiled	868
5. Com (9)	4 Sy.	2 Asp. (3)			0.856	14,580				
	5 Br. (15)	4			2.196	27,150				

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation.

	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
869	Herk...	0.64		30,517 94	55,025 24	8/ 9/10	100	5/ 8/11	0.64	16	28	6,014
870	Herk...	1.96		56,516 64	16,858 27	8/ 9/10	100	1/24/12	1.29	11-22	133	12,210
									0.67	28	28	11,360
871	Herk...											
872	Cattar...	0.64		16,883 99	5,255 41	8/20/10	100	1/23/12	0.37	16	32	3,631
									0.27	29	38	4,518
873	Chaut...	2.91		32,851 39	16,425 69	3/22/11	100	7/17/12	2.91	12	22-24	20,460
874	Hamilt...	5.00		68,614 29	45,666 43	3/23/11	100	1/ 8/13	3.50	14	126	25,705
									1.50	14	126	12,320
875	St. Law.	5.71		71,348 21	41,035 71	3/25/11	100	12/19/12	5.71	12, 14	24, 28	43,788
876	St. Law.	3.79		42,064 62	27,762 58	3/25/11	100	2/27/12	3.79	12	20-24	26,686
877	Oneida...	0.98		12,316 46	6,158 23	4/ 1/11	100	5/24/13	0.97	16	26-32	9,132
878	St. Law.	6.73		68,407 12	40,360 20	3/25/11	100	1/ 2/12	6.73	16	32	63,163
879	Albany...	6.26		88,251 53	44,125 76	3/22/11	100	5/14/14	6.26	16	28	58,895
880	Schenec...	2.78		27,937 40	13,968 70	3/31/11	100	10/11/11	2.78	14	26	22,920
881	Cort...	1.79		24,887 12	14,683 40	4/24/11	100	1/ 2/12	1.79	14	26-28	14,676
882	Cort...	2.55		27,062 83	17,590 84	3/28/11	100	1/ 8/12	2.55	14, 16	26, 28	21,248
883	Madison...	2.14		27,126 72	16,818 57	4/25/11	100	5/12/12	2.14	14	26	17,586
									1.98	14	30	16,304
884	Frank'n.	3.56		45,645 73	29,669 73	3/23/11	100	1/ 2/12	1.20	14	30	9,853
									0.38	14	30	3,111
885	Frank'n.	8.55		97,530 41	68,226 05	3/22/11	100	9/16/13	8.55	14, 16	28, 32	70,803
886	Greene...	4.19		65,311 44	45,715 68	3/23/11	100	12/25/11	4.19	16	26-32	39,328
887	Greene...	3.15		35,911 91	24,060 98	3/23/11	100	12/18/11	3.15	14, 16	28-27	27,302
888	Chem...	3.76		43,286 05	22,131 73	4/29/11	100	1/23/12	3.76	14, 16	24, 28	34,719
889	Montg...	0.64		6,885 48	3,442 74	4/27/11	100	12/20/11	0.64	16	28	5,981
890	Sullivan...	1.37		46,660 50	40,128 03	4/29/11	100	1/23/12	4.37	14	26	35,856
891	Essex...	5.99		65,367 82	43,779 69	4/23/11	100	1/31/12	5.99	14-16	26-32	52,638
892	Wyom...	1.43		16,006 95	8,483 68	4/25/11	100	1/ 8/12	1.43	16	32	13,457
893	Wyom...	3.61		44,734 90	26,152 64	4/27/11	100	1/24/12	0.17	16	32	1,611
									3.44	15, 16	20-32	32,242
									2.49	16	26	23,328
894	Wyom...	3.55		48,645 95	27,241 73	4/29/11	100	8/27/12	0.63	16	26	5,835
									0.43	16	26	4,069
895	Dutchess	0.89		14,432 88	5,890 41	5/ 1/11	100	7/ 8/12	0.89	16, 32	20-32	11,058
									0.53	16	28	4,978
896	Onon...	2.43		33,583 11	16,791 55	5/ 4/11	100	1/ 2/12	0.38	16	28	3,580
									0.62	14, 16	26, 27	5,727
									0.90	14	26	7,412
897	Onon...	4.25		59,970 32	29,985 16	5/ 4/11	100	9/17/12	4.25	12	24	29,898
898	Nassau...	2.87		40,932 31	20,466 15	4/28/11	100	1/23/12	2.87	16	28	26,967
899	West...	5.69		80,667 69	40,333 84	4/25/11	100	1/ 8/13	5.69	14	24	46,754
900	West...	4.26		56,235 61	28,117 81	4/27/11	100	9/10/12	4.26	116	24	41,316
901	West...	1.92		24,788 27	12,394 13	4/29/11	100	1/23/12	0.08	120	32	1,000
									1.84	16, 120	32	20,667
902	Broome...	5.29		63,300 00	37,980 00	4/29/11	100	1/ 8/13	5.29	14	20-24	43,440
903	Steuben...	2.07		21,450 00	12,441 00	4/25/11	100	2/14/12	2.07	14	21-24	17,006
904	Steuben...	1.64		16,952 59	8,934 87	4/27/11	100	12/21/12	1.64	14, 16	28	14,643
905	Steuben...	3.90		45,231 59	28,495 90	4/27/11	100	1/19/12	3.90	14	23-24	32,063
906	Steuben...	5.98		81,399 77	49,305 47	4/29/11	100	9/26/13	5.98	14	22-24	49,122
									2.69	14	22-24	22,069
907	Steuben...	4.13		52,156 06	27,642 71	4/29/11	100	12/21/11	1.27	14	22-24	10,481
									0.17	14	22-24	1,400
908	Madison...	2.07		58,722 45	15,817 69	6/12/11	100	10/15/12	1.03	25	28	15,938
									1.04	16	28	9,733
909	Putnam...	4.46		57,324 46	28,667 23	4/25/11	100	1/23/12	4.46	14, 16	26, 28	38,315
909A	Putnam...	0.13		2,179 99	1,416 9	3/30/13	100	7/31/16	0.13	14	24	1,111
910	Suffolk...	3.86		46,539 36	23,269 68	6/13/11	100	1/ 8/13	3.86	16	28-30	36,332
911	Suffolk...	3.04		40,955 20	20,477 60	12/ 4/11	100	12/10/12	3.04	16, 123	30	28,708
912	Suffolk...	6.69		84,011 75	42,005 87	5/24/11	100	1/18/13	6.69	16	30	62,809
913	Erie...	1.82		43,646 71	21,823 36	4/25/11	100	9/12/12	1.82	16	32	17,163
914	Erie...	3.63		85,690 03	42,845 01	4/27/11	100	9/ 4/12	3.63	16	32-32	44,177
915	Erie...	1.46		73,387 65	15,059 03	4/26/11	100	10/25/12	1.46	35, 40	36, 40	29,639
916	Erie...	2.30		56,319 31	28,159 65	4/28/11	100	1/ 8/12	2.30	16	32	21,333
917	Erie...	4.11		98,096 13	49,048 06	6/15/11	100	1/18/13	4.11	16	30	38,618
918	Wayne...	1.15		10,205 57	5,102 7	4/25/11	100	3/26/12	1.15	16 12	28	8,128
										4		2,708

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' Highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Dol.	4	Dol.	3	Asp. (10)	0.725	14,596			Oiled.	886
Li.	4	Sy.	2	Asp. (3)	0.875	10,438				870
S. Con. (1) (15)	6	Situ	2		1.997	29,998				871
Li.	4	Li.	3	Asp. (3)	1.015	15,890			Oiled.	872
S. Con. (1,6,16,20)	4	Br. (22)	4		1.870	22,900				873
Ga.	3	Ga.	3	Sc. water	0.835	12,900			Oiled.	874
Ga.	3	Ga.	3	Bar. (1)	1.092	15,691				875
Ga.	3	Ga.	3	Trn. (1)	0.835	13,184				876
Gra.	3	Gra.	3	Sc. water	0.808	13,500			Oiled.	877
Gra.	3	Gra.	3	H. O. (10)	0.888	13,430			Oiled.	878
Gra.	3	Gra.	3	C. O. (10)	0.993	12,530			Oiled.	879
App. St.	3	Sy.	3	Asp. (1)	0.718	9,770			Oiled.	880
Dol.	3	Dol.	3	Asp. (10)	1.107	13,914				881
Li.	3	S. Con. (8)	5	Li. Sc., T (17)	0.825	10,990				882
Sub.	3	Li.	3	Asp. (10, 8)	0.729	14,795			Oiled.	883
Fid.	3	Li.	3	Sc. water	0.754	11,450			Oiled.	884
Sub.	3	Li.	3	Sc. water	0.802	13,680			Oiled.	885
Sub.	3	Ga.	3	Asp. (10)	D. 961	13,419				886
Sub.	3	Ga.	3	Asp. (10)	1.008	13,890			Oiled.	887
Sub.	3	Ga.	3	Asp. (10)	1.076	14,498			Oiled.	888
App. St.	3	Dol.	3	Asp. (12)	0.840	12,175			Oiled.	889
Sub.	3	Sub.	3	Asp. (10)	0.858	14,145				890
Sub.	3	Sub.	3	Asp. (10)	0.932	11,640			Oiled.	891
Fid.	3	Li.	3	Sc. water	0.896	11,450				892
App. St.	3	App. St.	2	Asp. (1)	0.770	10,710				893
App. St.	3	App. St.	2	Asp. (10)	0.724	13,835				894
Qz., Dol.	3	Qz., Dol.	3	Asp. (10)	0.710	11,225	1914	5.99	Bit. Mac.	895
Sub.	3	Anor or Grn	3	Asp. (10)	0.746	10,615				896
Li.	3	Li.	3	Asp. (10)	1.109	14,320			Oiled.	897
Li.	3	Li.	3	Asp. (10)	0.859	11,970				898
Li.	3	Li.	3	Asp. (10)	0.864	13,830				899
Fid.	3	Li.	3	Asp. (10)	0.833	12,880			Oiled.	900
Li.	3	Li.	3	Sc. water	0.820	12,700				901
Li.	3	Li.	3	Trn. (1)	0.917	13,115				902
Li.	3	Sy.	3	Asp. (10)	0.810	12,420				903
Old Mac.	3	Sy.	3	Asp. (10)	0.852	11,850				904
Li.	3	Sy.	3	Asp. (10)	1.031	15,410				905
Li.	3	Sy.	3	Asp. (10)	0.925	14,410				906
Li.	3	Li.	3	Asp. (10)	0.804	15,379	1914	1.39	Bit. Mac.	907
Tr.	3	Tr.	3	Bar. (1)	1.073	16,940			Oiled.	908
Ga.	3	Ga.	3	Asp. (10)	0.716	15,379				909
Ga.	3	Ga.	3	Asp. (10)	0.772	13,200				910
Old Mac.	3	Ga.	3	Asp. (10)	0.943	9,159			Oiled.	901
Ga.	3	Ga.	3	Asp. (10)	0.887	11,212				912
Fid.	3	Li.	3	Sc. water	0.929	13,290				913
Fid.	3	Li.	3	H. O. † (10)	0.713	11,390			Oiled.	903
Fid.	3	Ga.	3	CO.	0.781	10,600			Oiled.	904
Fid.	3	Ga.	3	H. O. †	0.934	12,890			Oiled.	905
Fid.	3	Sub.	3	Bar. (1)	0.933	14,940	1916	1.08	2 1/4" Bit. Mac.	906
Fid.	3	Sub.	3	Asp. (1)	0.933	14,940	1917	1.50	2 1/4" Bit. Mac.	906
Fid.	3	Li.	3	Sc. water	0.831	14,150				915
App. St.	3	Li.	3	CO. (10)	0.747	13,390				916
App. St.	3	Li.	3	CO. (10)	0.892	14,720	1917	3.22	2 1/4" Bit. Mac.	917
S. Con. (11) (20)	5	Br. (17)	4	CO. (10)	2.036	24,005				918
Sub.	3	Li.	3	Asp. (1)	1.056	14,895				919
Ga.	3	Ga.	3	Asp. (10)	0.873	13,370	1915	1.04	Oiled.	920
Tr.	3	Tr.	3	Asp. (10)	1.516	16,190				921
Tr.	3	Tr.	3	Sc. water	0.855	11,810			Oiled.	910
Com. Grv.	3	Com. Grv.	3	Sc. water	0.899	13,170			Oiled.	911
Tr.	3	Tr.	3	Asp. (10)	0.930	12,370			Oiled.	912
S. Con. (8, 11, 16)	5	Br. (3)	4		1.005	23,590				913
S. Con. (3, 15, 16)	5	Br. (25, 6, 20)	4		1.888	23,050				914
S. Con. (15, 16)	5	Br. (25, 6, 20, 24)	4		1.883	23,730				915
S. Con. (3)	5	Br. (27)	4		1.934	24,210				916
S. Con. (1)	5	Br. (8)	4		1.952	23,610				917
Sub.	6 1/2	Li.	3	Sc. water	0.738	10,210				918
(Shoulders)		Grv	3		0.114					919

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
919	Wayne..	3.87	.....	\$26,515 09	\$13,257 54	4/27/11	100	12/21/11	3.87	16 / 12	28	27,249
920	Wayne..	3.00	.....	29,824 17	14,912 08	4/29/11	100	12/20/12	3.00	16 / 12	24, 27	9,053
921	Ulster..	2.13	.....	35,501 81	17,382 34	4/27/11	100	1 / 2/12	2.13	14-22	22-26	21,096
922	Genesee..	1.85	.....	17,750 99	8,875 49	4/25/11	100	1/23/12	1.85	14	24	7,032
923	Genesee..	4.68	.....	47,545 86	23,772 93	4/25/11	100	11/20/12	4.24	14-16	22-30	18,996
924	Erie.....	.....	.....	73,300 00	41,048 00	6/12/11	.....	.....	0.27	14	30	15,171
924A	Erie.....	.....	6.03	72,000 00	46,800 00	8/26/16	51	.....	0.17	14	30	34,934
925	Erie.....	5.39	.....	154,940 70	92,476 03	6/17/11	100	3/30/17	0.63	14	22-26	2,257
926	Tomp.....	4.49	.....	47,658 86	25,686 98	6/27/11	100	12/ 5/12	3.52	16	28	1,360
927	Tioga.....	7.39	.....	72,577 63	43,916 00	6/17/11	100	12/ 5/12	2.51	14	28	55,675
928	Rock.....	.....	.....	.....	.....	.....	.....	.....	2.51	14	28	33,077
929	Essex.....	1.45	.....	18,765 34	14,074 00	12/ 6/11	100	12/12/12	5.39	10	32	20,564
930	Clinton..	10.82	.....	3,677 61	2,905 31	12/ 8/11	100	12/12/13	.....	.....	.....	50,610
931	Oneida..	7.18	.....	96,830 47	53,494 31	6/15/11	100	12/30/13	0.48	14	22-24	3,937
932	Oneida..	1.20	.....	14,592 93	7,454 58	6/21/11	100	7/17/12	0.97	14	28	7,959
933	Oneida..	5.02	.....	72,834 50	40,002 53	6/15/11	100	2/ 5/13	0.32	16	26-44	3,013
934	Otsego..	4.90	.....	56,798 84	37,808 10	6/17/11	100	12/ 3/13	0.72	16	26	6,768
935	Otsego..	3.63	.....	39,713 69	26,211 04	6/17/11	100	10/10/12	6.46	10	26	60,654
936	Otsego..	4.15	.....	50,173 71	35,623 33	6/17/11	100	1/24/13	0.68	10	32	6,360
937	Lewis.....	3.82	.....	43,060 54	29,725 57	6/13/11	100	12/10/12	0.52	10	32	4,907
938	Chaut....	5.58	.....	85,136 18	42,568 09	6/14/11	100	1 / 4/15	5.02	10	26	47,129
939	Chaut....	6.62	.....	85,977 54	51,586 52	6/17/14	100	10/28/15	4.90	14-16	26-30	41,374
940	Chaut....	4.25	.....	97,414 36	56,047 33	6/15/11	100	10/13/13	3.53	14	22-24	31,442
941	Saratoga..	6.06	.....	4,906 81	2,796 31	6/15/11	100	5/ 5/14	4.15	14	24	24,073
942	Wash....	1.38	.....	16,802 10	8,789 36	6/14/11	100	11/14/12	3.82	14-16	28-32	32,656
943	Mont.....	0.72	.....	15,647 19	6,702 25	6/15/11	100	1 / 8/13	2.38	14	24	19,577
944	Seneca..	0.72	.....	15,647 19	6,702 25	6/15/11	100	1 / 8/13	1.38	14	24	11,356
945	Alleg'y..	4.18	.....	44,847 76	29,399 75	5/ 7/12	100	1/20/13	1.62	7-20	28-38	27,490
946	Chem'g..	1.98	.....	24,606 03	12,304 01	6/20/11	100	10/10/12	1.82	2	.....	7,777
947	Erie.....	10.14	.....	186,473 73	71,457 92	6/21/11	100	1/30/13	.....	110	22-28	40,029
948	Albany..	3.56	.....	47,671 70	23,310 85	6/13/11	100	1 / 8/13	0.66	14	24	5,443
948A	Albany..	0.17	.....	2,187 95	1,422 17	7/12/16	100	11/23/16	0.80	14	26	7,037
949	Rens....	0.29	.....	5,761 08	3,399 04	4/26/12	100	1 / 8/13	0.49	14	26	4,029
950	Frank....	0.79	.....	8,358 42	5,367 97	12/ 7/11	100	1/18/13	0.57	116-18	26	5,394
951	Dela.....	2.37	.....	30,167 58	24,312 12	12/ 4/11	100	7/23/13	0.15	118-25	40	2,170
952	Dela.....	4.65	.....	52,548 48	39,335 53	12/ 7/11	100	1 / 8/13	0.41	24	30	5,715
953	Nassau..	6.96	.....	21,785 34	11,160 47	12/ 6/11	100	9/ 2/14	3.77	14	24	30,968
954	Greene..	0.46	.....	6,000 00	4,020 00	4/24/13	100	1/18/13	1.08	14-18	24-32	18,287
955	Madison..	0.42	.....	8,346 45	5,166 52	12/14/14	100	10/19/15	1.92	16	24-32	84,753
956	Albany..	0.46	.....	14,916 35	5,106 78	6/11/12	100	10/27/13	1.12	16-17	32-42	10,641
957	Albany..	0.47	.....	7,121 25	3,560 62	6/11/12	100	1/24/13	1.52	16	24-28	14,252
958	Cattaraugus	4.27	.....	46,358 53	28,968 14	12/11/11	100	1/18/13	1.74	16	28	16,336
959	Cattaraugus	3.86	.....	46,358 53	28,968 14	12/11/11	100	1/18/13	0.19	16	28	1,805
									0.11	16	28	1,004
									0.17	16	26	1,570
									0.20	16	28-32	2,704
									0.79	16	32	7,406
									2.37	14-16	24-28	20,043
									1.00	14-24	22-30	10,481
									3.56	14	26	29,301
									0.92	8, 16	28	8,931
									10.04	16	37	371
									0.46	16	32	4,291
									0.42	14	26	3,171
									0.14	37	37	1,681
									0.32	16-27	26-32	4,401
									0.47	16	32	4,391
									4.27	14-16	24-28	35,411
									3.86	14	24-32	31,921

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-24' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Lo. (Shoulders)	3	Lo. Grv.	3	Li. Sc. water.	0.653	8,310	1917	3.87	2½" Bit Mac.	919
Sub. (Shoulders)	6	Lo. Grv.	3	Li. Sc. water.	0.280				Oiled.	920
App. St.	3	Sat.	3	Ber. (1)	0.780	11,780			Oiled.	921
Li.	3	Li.	3	Asp. (10)	0.119				Oiled.	922
Li.	3	Li.	3	Sc. water	0.740	17,303			Oiled.	923
Li.	3	Li.	3	Sc. water	0.722	10,600			Oiled.	923
Li.	3	Li.	3	Sc. water	0.668	11,123			Oiled.	923
Li.	3	Li.	3	Sc. water	0.368	8,303			Oiled.	923
App. St.	6	Li.	3	Sc. water	0.961	13,875			Oiled.	924*
App. St.	3	App. St.	3	Asp.	0.788	12,180			Oiled.	924A
		F Con.	7-P	Sc., H. O	0.056	735				
Grv. Con.	5	Br. (1, 6, 11, 16)	4		1.988	29,650				
Sub.	6	Li.	3	Sc. water	2.643	28,020			Oiled.	925
Sub.	6	Li.	3	CO. (10)	0.722	11,630			Oiled.	926
Old Grv. road.	6	Li.	3	CO. (10)	0.801	10,840			Oiled.	927
		Li.	3	CO. (10)	0.488	7,900				928
Fld.	16	Li.	3	Asp. (3)	0.822	13,390				929
Li.	14	Li.	3	Asp. (3)	0.924	14,340				
Li.	3	Li.	3	Asp. (3)	0.761	11,230				930
Fld.	16	Li.	3	Asp. (1, 3)	1.013	13,880			Oiled.	931
Li.	3	Li.	3	Asp. (1, 3)	0.966	13,440				
(Old Mac) App. St.	23	Sy. or Tr.	3	Asp. (3)	0.950	11,770				932
App. St.	3	Sy. or Tr.	3	Asp. (3)	0.986	12,105				
Li.	3	Li.	3	Asp. (1)	0.950	14,510				933
App. St.	4	Li.	3	Sc. water	0.733	12,230				934
Sub.	6	Li.	3	CO. (10)	0.778	11,420			Oiled.	935
Sub.	6	Li.	3	Sc. water	1.033	13,690			Oiled.	936
App. St.	4	Li.	3	Asp. (10)	0.869	11,829			Oiled.	937
Grv.	6	Grn.	3	Asp. (3)	0.824	13,815				
Grv.	4	Grn.	3	Asp. (3)	0.735	12,980				938
Grv. Con. (2)	5	Br. (34)	4		1.832	23,280				939
Sc. Com. (1, 6, 16)	5	Br. (11)	4		2.060	23,540				
(Shoulders)		Grv.	av24		0.071					940
Sc. Com. (16)	5	Br. (15)	4		1.700	22,860				941
Li.	3	Li.	3	Sc. water	0.518	7,430				942
Sub.	3	Sat.	3	Asp. (10)	0.675	12,980			Oiled.	943
Sub.	3	Sat.	3	Asp. (10)	0.669	12,929				
Sc. Com. (16)	7	Li. & Sy.	3	Asp. (10)	1.096	17,090				944
Fld.	6	Br. (17)	4		2.121	26,710				
Fld.	6	Li.	3	Asp. (4)	0.885	12,050				945
Fld.	6	Li.	3	Sc. water	0.794	11,190				
Fld.	6	Li.	3	Sc. water	0.947	12,150			Oiled.	946
Li.	6	Li.	3	Asp. (13)	0.922	11,730				947
Sc. Com. (13)	3	Br. (11)	4		2.283	24,310				
Fld.	6	Li.	3	Asp. (1)	1.015	14,133			Oiled.	948
Li.	3	Li.	3	Asp. (1)	0.870	12,770			Oiled.	
Li.	3	Li.	3	Sc. water	0.648	10,680			Oiled.	
Li.	6	Li.	3	Asp. (1)	1.122	15,130			Oiled.	
Li.	4	Li.	3	Sc. water	0.742	12,975				948A
Grv.	14	Grn.	3	Asp. (10)	1.213	19,420				949
App. St.	3	Grn.	3	Ber. (1)	0.813	10,150			Oiled.	950
App. St.	3	Sat.	3	Asp. (10)	0.817	13,742			Oiled.	951
Sc. Com. (20)	3	Sat.	2	Asp. (10)	1.484	17,080				952
Sub.	6	Sat.	3	Asp. (10)	0.768	10,321				
App. St.	3	App. St.	3	Asp. (10)	0.942	16,939				953
Sc. Com. (1, 17, 22)	3	Br.	4		1.810	29,714				
Li.	6	Li.	3	Asp. (10)	0.875	12,930				954
Sub.	9	Li.	3	Sc. water	0.909	20,360			Oiled.	955
Sc. Com. (8)(9)	6	Grn. Blk.	4	Asp. (1)	3.300	43,490				956
App. St.	3	App. St.	3	Asp. (1)	0.816	20,170				
Li.	3	App. St.	3	Asp. (1)	0.837	16,245	1914	0.43	Brick.	957
Li.	3	Li., Grn.	3	Asp. (3)	0.812				Oiled.	958*
Sc. Com. (16)	6			Sc., H.O. & T.	0.968	13,210				959

APPENDIX A.—COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1060	Cattaraugus	2.80		\$30,444 47	\$26,033 35	4/25/12	100	8/23/13	2.80	14	24-32	23,150
961	Onondaga	6.19		3,147 55	1,573 77	6/17/12	100	1/ 8/13	0.19	16	32	1,613
962	Madison	5.09		64,172 03	35,294 62	6/12/12	100	1/ 8/13	5.09	14	28	43,308
963	Broomfield	6.02		60,353 83	34,516 25	6/17/12	100	12/16/13	6.02	14-16	24	49,102
964	Allegany	6.10		69,848 84	48,511 90	6/ 1/12	100	2/23/14	6.10	12-16	23-30	40,523
965	Allegany			108,009 29	65,192 05	6/12/12	100	12/21/14	9.51	12-16	22-24	65,156
									0.38	28	40	6,841
965A	Allegany			20,834 87	14,500 93	3/39/15	100	11/13/15	9.49	12-16	22-24	67,990
965	Allegany								9.49	12-16	24	67,990
965A	Allegany	0.80		128,894 16	79,701 99				0.02	16	24	196
									0.38	28,40	28,40	6,840
966	St. Lawrence	4.05		34,557 90	21,425 90	5/ 4/12	100	7/18/13	4.05	14	26	33,275
967	St. Lawrence	3.35		32,098 91	18,617 37	4/29/12	100	1/18/13	3.35	14-46	26-46	28,997
1068	St. Lawrence	4.06		53,131 32	30,816 16	6/12/12	100	12/17/13	4.06	16	26	33,161
969	St. Lawrence	6.52		73,462 49	42,608 24	6/12/12	100	3/24/14	6.52	14	28	53,529
*970	St. Lawrence			93,695 40	55,280 28	6/11/12	100	6/25/14		14-16	28	52,602
										14-16	28	32,745
970A	St. Lawrence			19,936 38	11,762 46	9/14/14	100	1/25/15		14-16	28	32,745
970	St. Lawrence	10.26		113,631 78	67,042 74				10.26	14-16	28	85,346
970A	St. Lawrence											
971	Onondaga	7.69		101,534 23	50,339 83	6/13/12	100	1/26/14	7.69	14-50	26-50	66,296
972	Oswego	5.67		58,184 58	36,428 46	4/ 5/12	100	10/25/13	2.82	14-24	26-38	23,327
									2.86	14	26	24,212
973	Oswego	5.21		52,456 26	32,757 99	7/12/12	100	1/26/14	5.21	14	26	42,903
974	Putnam	6.42		89,100 00	52,569 00	6/12/12	100	12/30/13	6.42	14	24	52,505
975	Wyoming	2.01		29,853 76	15,822 50	4/27/12	100	12/ 2/13	2.01	16	24-30	18,868
*976	Wyoming			43,483 41	25,083 41	6/18/12			3.52	16	26	34,882
976	Wyoming	1.66		20,262 05	7,655 30	6/28/16	100	12/ 4/17	1.66	16-20	26-30	16,023
976A	Wyoming	1.86		31,541 24	14,894 63	8/17/17	100	1/ 8/18	1.86	16-30	26-30	19,309
977	Albany	2.45		73,609 87	36,754 93	4/24/12	100	9/ 4/14	2.45	16	29	22,974
978	Albany	4.37		47,819 61	28,045 18	4/24/12	100	1/24/13	4.37	16	26	41,074
979	Albany	8.27		100,201 05	50,085 53	4/25/12	100	1/ 8/13	8.27	16	24-26	77,721
980	Rensselaer	2.55		30,796 85	15,393 42	5/ 1/12	100	7/ 3/15	2.55	16	26	28,911
981	Rensselaer			25,636 52	12,818 26	4/25/12			1.67	16	26	16,160
981A	Rensselaer			24,930 25	16,009 65	7/ 1/14	100	2/10/15	0.98	14	26	8,320
									0.49	14	26	4,044
									1.67	16	26	16,160
981	Rensselaer	3.14		50,266 77	28,827 92				0.98	14	26	8,320
981A	Rensselaer								0.49	14	26	4,044
982	Delaware	13.37		131,774 91	102,659 64	6/11/12	100	12/24/13	13.37	14-16	20-26	111,801
1083	Delaware	2.56		25,289 34	19,552 83	4/24/12	100	9/26/13	2.56	14	24	21,000
984	Franklin	2.06		27,354 14	19,012 36	6/22/12	100	9/16/13	2.06	16	28	19,355
*985	Franklin			82,879 02	54,003 32	6/20/12	100	12/ 7/14	4.86	12	24	34,210
									0.36	12	24	2,504
985A	Franklin			15,572 98	12,458 38	10/17/12	100	8/26/13	0.26	12	24	1,827
										4		835
985	Franklin	5.98		98,462 00	60,461 60				4.86	12	24	34,210
985A	Franklin								0.36	12	24	2,504
									0.26	12	24	1,827
										4		835
986	Sullivan	10.97		35,912 57	11,612 51	4/24/12	100	1/ 8/13	1.04	14	26	87,360
987	Oswego	6.43		65,927 32	44,700 51	6/13/12	100	11/ 4/14	6.43	14	24	52,778
988	Nassau	0.35		5,519 93	2,759 97	4/25/12	100	1/18/13	0.35	16	28-30	2,679
989	Erie	2.25		94,873 82	26,747 08	4/24/12	100	1/20/13	0.49	16	28	4,634
									2.25	16-18	28-40	28,637
990	Erie	1.04		35,912 57	11,612 51	4/24/12	100	1/ 8/13	1.04	24-40	36-40	14,792
991	Erie	4.64		57,796 96	28,899 98	4/34/13	100	1/ 7/15	4.64	16	32	43,851
992	Wayne	1.99		24,779 29	12,389 64	4/19/12	100	12/10/12	1.99	14-16	30	17,009
993	Wayne	1.20		11,764 85	5,882 42	4/25/12	100	1/ 8/13	1.20	16	30	11,291
994	Wayne	3.45		40,137 29	20,098 65	4/25/12	100	12/19/13	3.45	14	26-30	28,852
1095	Cortland	4.86		59,953 47	37,770 69	4/29/12	100	9/25/13	4.86	12	24-25	34,181
996	Cortland	2.25		33,120 80	15,646 58	4/29/12	100	1/ 8/13	2.25	14	26	18,477
1097	Greene	6.11		102,520 25	72,956 48	6/13/12	100	12/30/13	6.11	16	23-26	57,329
998	Greene	6.37		95,667 60	67,849 92	4/25/12	100	12/19/13	6.27	16	22-26	58,811
999	Schoharie	6.68		73,282 36	51,627 96	4/23/13	100	4/27/14	6.68	14-16	24-30	55,656
*1000	Steuben			82,023 36	32,774 72	4/24/12	100	1/26/14	4.96	14	22-24	40,560

• See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued).

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERCENT PAVEMENT		Highway No.
BOTTOM		TOP		Surfacing.	Per square yard of pavement	Per mile of 16-20' highway	Year resurfaced	Miles.	
Kind	Thickness	Kind	Thickness						
S. Con. (4) (11)	5			H. O. (4), T. (16)	0.940	15,580		Oiled	1980
App. St.	3	App. St.	3	Asp. (1)	1.066	15,940		Oiled	1981
S. Con. (13)	5			Sn. T. (17)	1.019	13,390		Oiled	1982
Sub.	6	App. St.	3	So. water	0.647	11,090			1983
S. Con. (1)	5	Set.	1	T. (17)	0.947	13,230	1915	2.00	1984
S. Con. (5)	5			T. (17)	0.751	11,520			1985
S. Con. (5)	5	Br. (22)	4		2.079	23,990			1985A
		Slag.	10	T. (17)	0.249	2,770			1985
S. Con. (5)	5	Sl.	10	T. (17)	1.000	13,960			1985A
S. Con. (5)	5			T. (17)	0.751	11,920			1985
Dol.	3	Br. (22)	4		2.079	24,390			1985
Dol.	3	Dol.	3	So. water	0.628	9,300		Oiled	1986
Dol.	3	Dol.	3	So. water	0.703	10,000		Oiled	1987
S. Con. (1)(2)	6			H. O. (10)	0.733	13,050			1988
Gr.	6	Dol.	3	Asp. (1)	0.832	12,065			1989
Sub.	6	Set., Grn.	3	Asp. (1) (7)	0.833	11,583			1970
Sub.	6				0.292	6,305			1970A
Sub.	6	Grn.	3	Asp. (1, 7)	0.569	5,676			1970
Sub.	6	Grn.	3	Asp. (1, 7)	0.844	11,814			1970A
S. Con. (13, 16)	5			Sn. H. O. (3), T. (17)	0.844	13,790	1917	3.48	1971
App. St.	4	App. St.	21	Asp. (10)	0.843	12,045			1972
App. St.	4	App. St.	2	So. water	0.617	9,925			1973
Grv.	6	Lo. St.	3	So. water	0.655	10,840		Oiled	1973
Sub.	17	Gr.	3	Ber. (1)	0.712	14,245			1974
Li.	3	Li.	3	Asp. (3, 4)	1.037	14,600			1975
S. Con.	5			T. (1) HO (1)	0.808	13,110			1976
Old Con.		S. Con.	Av. 4		0.679	12,065			1976
Old Con.		F. Con.	Av. 4		1.523	15,425			1976A
S. Con. (8)(9)	5	Br. (22)	4		2.020	24,980			1977
Sub.	6	Li.	3	So. water	0.628	10,925			1978
Sub.	6	Set., Li.	3	So. water	0.713	12,140		Oiled	1979
Sub.	4	Set.	21	Asp. (10)	0.712	12,080			1980
S. Con. (10)	5			Grv., T. (17)	0.554	17,590			1981
Grv. 6, Set. 4	10	F. Con. (10)	6		1.279	17,915			1981A
S. Con.	5	Set.	3	So. water	1.222	17,380			1981
Grv. 6, Set. 4	10	F. Con. (10)	6		0.554	13,400			1981A
Sub.	10	Set.	3	So. water	1.279	20,205		Oiled	1981
Sub.	10	Set.	3	So. water	1.222	10,670		Oiled	1982
Sub.	6	Set.	3	Asp. (10)	0.612	10,760		Oiled	1983
S. Con. (9)	5			T. (17) Sc. Sn.	0.744	10,890	1915	2.07	1983
Gab. & Sy.	3	Gab. & Sy.	3	Asp. (7, 1)	0.905	20,120			1984
Sub. 12", St. 2"	14				0.905	13,250			1985
App. St.	3	App. St.	3	Asp. (7, 1)	1.357	23,685			1985A
(Shoulders)	3	App. St.	6		0.951	19,865			1985A
Gab. & Sy.	3	Gab. & Sy.	3	Asp. (7, 1)	0.891	19,015			1985
Sub. 12", St. 2"	14				0.805	19,930			1985
App. St.	3	App. St.	3	Asp. (7, 1)	1.357	25,110		Oiled	1985
(Shoulders)	3	App. St.	6		0.951	21,290		Oiled	1985A
Sub.	8	Set.	3	So. water	0.861	20,440			1986
Fid.	6	Set.	3	So. water	0.733	11,305		Oiled	1987
App. St.	3	App. St.	3	Asp. (10)	1.333	18,065			1988
S. Con. (10)	5	Br. (32)	4	H. O. (10)	1.740	24,335			1989
S. Con. (10)	5	Br. (32)	4		1.930	26,125			1990
S. Con. (11, 16)	5	Br. (11)	4		1.892	23,350			1991
S. Con. (16)	5	So.	1	T. (17)	0.773	12,020			1992
S. Con. (5)	6			So. T. (17)	0.963	13,070			1993
Grv.	7	Grv.	2	So. water	0.690	9,710			1994
S. Con. (10)	6	App. St.	3	H. O. (10) Glu.	0.921	12,585			1995
Sub.	6	Lo. St.	3	Asp. (10)	1.049	15,000		Oiled	1996
Sub.	6	Set.	3	So. water	0.845	11,270		Oiled	1996
Sub.	6	Set.	3	Asp. (10)	0.911	16,830		Oiled	1997
Sub.	6	Set.	3	Asp. (10)†	0.760	15,300		Oiled	1998
Sub.	6	Li.	3		0.854	11,910		Oiled	1999
Sub.	6				0.407	11,495			1990*

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1000A	Steuben			\$80,555 81	\$41,177 95	2/20/14	100	12/28/14	4.96	14	22 1/2	40,560
1000	Steuben	6.95		112,579 17	73,952 67				4.96	14	22 1/2	16,600
1000A	Steuben								4.96	14	22 1/2	40,560
1001	Tomp.	6.45		59,471 33	34,036 93	4/27/12	100	8/10/15	1.99	14	24	16,425
									6.45	14-16	26	55,680
1002	Tomp.	2.52		34,454 59	17,909 82	4/29/12	100	1/20/13	1.31	16-32	28-36	14,131
									0.37	16	26	3,465
									0.84	14	24	6,837
1003	Tomp.	1.17		14,173 49	7,653 68	6/15/12	100	10/27/14	1.17	10	28-31	11,019
1003A	Tomp.	0.20		3,226 73	2,129 63	6/10/14	100	10/29/14	0.20	10	28	1,956
1004	Tomp.	4.58		48,466 62	28,582 08	6/15/12	100	11/4/14	4.58	14	24	37,662
1005	Schoy.	6.55		64,017 97	39,433 12	7/20/12	100	6/2/14	6.55	14	24	53,623
1006	Dutch.	2.97		42,018 56	21,009 28	6/13/12	100	7/23/13	2.97	10	26	27,840
1007	Dutch.	2.72		31,605 65	15,802 82	4/29/12	100	11/20/12	2.72	14, 16	26, 32	23,084
1008	Clinton	1.28		16,886 18	11,820 33	4/19/12	100	12/12/12	1.28	14	28	10,524
1009	Monroe	0.53		6,631 17	3,315 58	5/28/12	100	12/2/13	0.53	16	32	4,992
1010	Livingst.	0.98		16,062 59	8,031 29	5/4/12	100	9/2/13	0.98	16	32	9,262
1011	Chautau.	4.70		72,637 64	41,403 45	4/24/12	100	7/21/15	4.70	8	30	24,960
									0.40	16	32	3,735
1012	Chautau.	1.79		24,106 62	19,745 76	4/24/12			1.24	16	26	11,615
									0.15	16	26	1,400
1012A	Chautau.	1.51		23,316 96	14,506 02	7/16/15	100	10/30/16	1.51	16	30	14,185
1013	Chem.	0.19		3,339 75	2,438 02	4/27/12	100	1/8/13	0.19	16	28	1,764
1014	Chem.	0.08		1,484 22	1,098 32	4/24/12	100	7/24/12	0.08	16	26	711
1015	West.	7.24		110,799 22	52,831 67	6/14/12	100	12/9/14	7.24	14-18	24	82,411
									3.60	14	28	29,579
1016	Cayuga	7.79		137,717 53	68,335 61	4/25/12	100	5/25/14	1.06	16-45	30-45	13,516
									3.13	14-16	26-30	25,897
1017	Essex	6.12		92,375 14	62,105 05	3/16/14	100	2/5/15	0.51	16	26	4,823
									5.61	14	26	47,099
1018	Suffolk	6.		77,302 23	38,601 11	4/26/12	100	1/8/13	6.79	16	30	63,784
1019	Rock.	4.47		59,877 02	29,938 51	6/24/12	100	10/1/13	3.88	14	28	32,094
									0.59	14	28	4,570
1020	Lewis	4.61		53,636 38	41,646 66	6/10/12	100	12/30/13	4.61	14-19 1/2	19-28	37,951
*1021	Warren			3,406 80	2,473 91	6/12/12			3.52		20-24	
1021A	Warren			47,998 00	35,231 35	2/20/14	100	1/8/15	3.52	14	20-24	25,044
1021	Warren	3.52		51,404 80	37,705 26				3.52	14	20-24	25,044
1021A	Warren											
1022	Madison	3.18		36,281 06	19,954 55	6/12/12	100	8/9/13	3.18	14	26	14,220
										14	26	11,880
1023	Warren	6.36		73,603 95	57,917 29	6/13/12	100	7/2/15	6.36	14	24	52,204
1024	Cattara.	0.77		30,969 40	9,749 27	6/13/12	100	6/24/14	0.77	16-30	30-32	12,727
1025	Hamilton	7.75		124,136 58	99,309 50	6/11/12	100	8/17/15	7.75	16	26	72,760
1026	Chaut.	3.99		115,000 00	74,750 09	5/10/15	73		3.99	16	26-30	37,509
1027	Chaut.	4.34		67,700 00	44,005 06	7/21/16	88		4.34	10	28	25,437
1028	Scheneco	1.39		18,262 55	11,870 66	6/17/12	100	12/10/12	1.39	16	24, 26	13,080
1029	Scheneco	4.18		48,589 61	31,778 25	6/11/12	100	9/25/13	4.18	14	26	34,202
1030	Living.	1.25		22,804 23	10,530 06	6/15/12	100	10/29/14	1.25	16-56	32-59	13,640
1031	St. Law.	4.00		50,342 23	36,246 40	8/12/12	100	11/30/13	4.00	12, 16	24, 32	29,315
1032	St. Law.	5.37		64,250 46	46,260 33	6/17/12	100	2/23/14	4.36	14-16	26-32	36,084
									1.01	16	32	9,497
1033	St. Law.	1.00		54,473 70	13,819 23	6/14/12	100	12/16/13	1.00	20-45	30-54	15,073
1034	Erie	4.20		54,135 25	35,187 92	6/12/12	100	13/30/13	0.80	9-19		3,204
1035	Erie			1,499 07	974 40	6/17/12			4.20	16	28-32	39,399
									3.11			
1035A	Erie			58,30 1/2	37,896 84	7/31/14	100	10/19/16	0.52	16	32	4,875
1035	Erie								2.59	14	28	21,343
1035A	Erie	3.11		59,801 91	38,871 24				0.52	16	32	4,875
1036	Erie	3.77		68,968 77	44,829 70	6/12/12	100	12/4/14	2.59	14	28	21,343
1037	Erie	0.71		34,109 44	12,183 98	6/3/12	100	7/5/14	3.77	14	28	31,372
									0.71	30	30	13,023

* list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERCENT PAYMENTS		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sst.	6	Sst.	3	T. (17)	0.684	8,574				1009A
Sst.	6	Sst.	3	T. (17)	1.100	12,479				1000
Sst.	6	Sst.	3	T. (17)	1.100	9,313				1000A
Sst.	6	Sst.	3	T. (17)	1.100	9,313				1001
Grv. Con. (d) (20)	4	App. St.	3	Sc., water	HO. (10)	0.604	9,060			
Grv. Con. (d) (20)	4	Li.	13	Asp. (3)	HO. (3)	1.126	14,060			
Grv. Con. (d) (20)	4	Li.	23	Asp. (3)	HO. (3)	1.068	13,515		Oiled.	1002
Grv. Con. (d) (20)	4	Li.	23	Asp. (3)	HO. (3)	0.867	11,535			
Sst.	6	App. St.	3	Sc., water	HO. (10)	0.727	12,090		Oiled.	1003
Sst.	6	App. St.	3	Sc., water	HO. (2)	0.847	16,130		Oiled.	1003A
Sst.	6	Sst.	3	Sc., water	HO. (11)	0.714	11,410		Oiled.	1004
Gr.	6			HO. (10)		0.591	9,350		Oiled.	1005
Gr.	4	Gr.	3	Asp. (1) (10)		0.770	14,150			1006
Li.	3	App. St.	3	Sc., water	HO (10), Glu.	0.693	15,620			1007
Li.	6			T. () HO. (3)		0.871	14,210			1008
App. St.	6	Li.	3	Asp. (10)		0.881	12,570			1009
Grv. Con. (h) (16)	3	App. St.	3	Sc., water	HO. (4)	0.697	14,440			1010
Grv. Con. (h) (16)	5	Br. (19)	4			1.764	22,450			1011
Grv. Con. (h) (16)	5	Br. (19)	4			1.766	23,800			
Grv. Con. (h) (16)	5	App. St.	3	Asp. (10)		1.180	18,310			1012
Grv. Con. (h) (16)	5					0.465	11,590			
Grv. Con. (h) (16)	5	F Con. (15)	7P			1.187	14,610			1012A
App. St.	6	Tr.	3	Asp.		1.506	17,645			1013
Subd. App. St. 2	8	App. St.	3	Asp.		1.259	19,275		Oiled.	1014
Grv. Con. (d) (10)	6			Sc., Sn.T. (17)		0.930	15,930		Oiled.	1015
Sst.	6	Li.	3	Asp. (10)		1.005	15,370			
Grv. Con. (h) (1,16)	5	Br. (25)	4			2.029	24,990			1016
Grv. Con. (h) (1,16)	5			A. (19) T. (17)		0.904	14,425	1915	3.14	Bit. Mac.
Grv. Con. (d) (8)	5	Grn. Blk.	4			3.036	34,770			1017
Grv. Con. (d) (8)	5	Sst.	3	Sc., water		0.878	14,045			
Grv. Con. (d) (8)	5	Comm. Grv.	3	Sc., water	HO. (10)	0.952	11,200		Oiled.	1018
Grv. Con. (d) (6)	6				HO(10)T. (16)	0.910	14,190			1019
App. St.	3	Tr.	3	Asp. (10)		0.913	14,220			
Flt.	3	Flt.	3	Asp. (7)		1.008	12,670		Oiled.	1020
App. St.	Av. 4	App. St.	3	Asp. (10)		0.921	14,905			1021
App. St.	Av. 4	App. St.	3	Asp. (10)		0.921	15,045			1021A
Grv. Con. (d) (13)	5			Sn. T. (17)...		0.871	11,890			1022
Grv. Con. (d) (13)	6			Sn. T. (17)...		1.016	13,250			
Sst.	6	Gr.	3	Asp. (8)		0.724	12,430			1023
Grv. Con. (16)	5	Br. (32)	4			1.746	21,380			1024
Grv. Con. (16)	5	Gr.	2	Asp. (1)		1.009	16,010			1025
Grv. Con. (d) (14)	5	Br. (15)	4			2.176	28,800			1026
F Con. (e) (16)	4	F Con. (b) (10)	2-P			1.457	20,455			1027
Grv. Con. (h) (12)	6	App. St.	3	Asp. (10)		0.828	13,140		Oiled.	1028
Grv. Con. (h) (12)	6	Sst.	3	Asp. (10)†		0.763	12,640			1029
Grv. Con. (h) (12)	6			T. (16), HO.		0.872	16,590			1030
Grv. Con. (h) (12)	6	Grn.	3	Asp. (1)		0.960	16,240		Oiled.	1031
Grv. Con. (h) (12)	6	Grn.	3	Sc. Water	Glu. HO. (3)	0.863	12,080		Oiled.	1032
Grv. Con. (h) (12)	6	Grn.	3	Asp. (1)		1.142	14,680			
Grv. Con. (d) (9)	5	Br. (9)	4			1.966	24,215			1033
Grv. Con. (d) (9)	5	Br. (9)	4			1.965	24,205			
Li.	4	Li.	3	Asp. (7)		0.985	14,020		Oiled.	1034
Grv. Con. (d) (11)	Av. 5	Br. (4, 15)	4			2.300	28,350			1035A
Grv. Con. (d) (11)	Av. 5	App. St.	3	Asp. (10)		1.224	18,250			
Grv. Con. (d) (11)	Av. 5	Br. (4, 15)	4			2.300	28,510			1035
Grv. Con. (d) (11)	Av. 5	App. St.	3	Asp. (10)		1.224	18,400			1035A
Grv. Con. (d) (11)	Av. 4	Li.	3	Rock Asp.		1.559	19,880			1036
Grv. Con. (d) (11)	Av. 4	Br. (32)	4			1.607	30,195			1037

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 188 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1037A	Erie...	0.39		\$20,063 92	\$13,201 35	12/14/14	100	2/ 2/16	0.39	16	26-32	3,729
1038	Erie...	2.89		48,848 42	31,751 47	6/12/12	100	1/26/14	2.89	16	38	27,204
									0.11	34	34	2,767
1039	Onon...	11.10		129,790 42	81,366 57	6/11/13	100	10/10/13	1.26	14	28	9,940
									9.79	14-16	26	81,736
1040	Onon...	0.49		7,976 09	5,184 86	6/22/12	100	11/ 6/12	0.48	15	28	4,617
1041	Onon...	6.08		81,934 47	58,257 41	6/ 8/12	100	1/26/14	6.04	14	28	49,043
1042	Onon...	4.24		45,806 48	29,773 50	9/27/12	100	9/—/13	4.25	14	26	35,748
1043	Onon...	1.35		18,646 05	12,120 32	7/28/13	100	1/26/14	1.39	16	30-40	13,313
1044	Onon...	1.02		21,451 77	13,200 82	6/17/12	100	9/26/13	0.13	35	37	1,792
									0.83	18, 34	23, 34	7,920
1045	Niagara...	5.13		\$63,423 56	39,018 83	6/22/12	100	10/23/17	5.19	16	32	48,199
1046	Oswego...	2.79		37,433 04	25,454 47	6/15/12	100	11/12/13	2.72	14	26	23,092
									1.2	28	28	25,513
									0.0	6	34	1,207
1047	Oswego...	3.10		135,878 01	48,339 47	6/ 4/12	100	1/22/13	1.4	16-28	28-30	18,969
									0.3	24	24	6,358
1048	Suffolk...	3.87		51,600 00	33,540 00	6/12/12	100		3.81	16	28-32	36,320
1049	Renss...	0.51		38,895 02	5,623 51	7/ 2/12	100	2/16/13	0.55	40	40	12,355
1050	Renss...	1.58		22,152 82	9,738 76	6/12/12	100	12/ 2/13	1.54	16, 24	24, 32	16,562
									0.34	16	28-36	8,759
1051	Dutchess...	1.28		25,658 95	14,338 29	5/28/14	100	1/13/15	0.65	16	28	3,336
									0.5	16	28	2,862
									0.3	9	700	
1052	West...	4.68		61,913 23	40,243 60	12/14/14	100	7/ 5/16	4.18	14	22-26	34,094
									0.55	14	26	4,370
1053	West...	1.46		30,852 41	20,054 07	8/27/13	100	4/27/14	1.4	16	30	13,591
									0.0	16	30	89
1054	Genesee...	3.88				1/ 7/15	100	5/ 6/18	3 8 ⁵	14	24	31,828
*1055	Wyom...											
*1056	Wyom...											
*1057	Wyom...											
1058	Wayne...	2.25		19,200 00	14,560 00	7/14/16	29		0.44	12	24	15,892
1059	Wayne...	1.88				2/26/17	100	11/15/18	1.44	12	24	3,065
									1.44	12	24	10,191
1060	Wayne...	0.49				7/17/16	100	8/27/18	0.41	12	26-28	45,166
1061	Chaut...	6.51		19,577 51	7,256 55	6/ 4/13	100	1/15/14	0.59	16-30	30	7,394
1062	Chaut...	1.59		53,096 26	28,860 75	5/ 7/15	100	8/ 7/16	1.59	14	30	20,292
1063	Erie...	2.55		58,446 96	29,223 47	8/ 4/13	100	10/29/14	2.55	16	32	24,191
1064	Erie...	4.03		55,867 38	36,313 80	11/ 4/14	100	10/ 3/16	2.48	14	32	20,519
									1.55	14	32	13,544
1065	Erie...	1.67		38,340 47	24,921 30	8/ 4/13	100	3/ 3/14	1.67	16	32	15,653
									1.81	16, 30	30, 32	20,088
1066	Erie...	6.56		150,597 05	98,498 99	11/ 4/14	100	8/ 7/17	4.60	16	32	43,216
									0.15	16	32	1,423
1067	Erie...	4.68		99,070 84	59,381 32	12/14/14	100	10/26/16	4.08	16-28	28	40,680
1068	Onon...	3.12		43,083 93	28,094 56	1/30/14	100	6/28/15	3.12	14	26	25,689
1069	Onon...			4,009 45	2,645 14	8/12/13	100	11/26/13	0.32	16	30	3,141
1070	Onon...	1.68		19,489 34	12,608 07	8/12/13	100	7/ 7/14	1.68	14-16	26-32	14,387
1071	Onon...	1.00		25,318 71	16,457 16	8/ 4/13	100	10/16/14	1.90	14	26	16,385
1072	Onon...		3.06	74,000 00	48,100 00	6/18/15	59		1.44	14	26	11,822
									0.62	14	26	5,103
									1.00	14	26	8,213
									0.15	29	29	2,500
									4 7 ³	19	24-28	44,209
1073	Onon...	7.23				6/18/15	100		1.67	14	28	13,731
									0.23	15	30	1,996
									0.45	14	24	3,672
									0.50	10-35	24-45	7,573
1074	Onon...	1.91				6/29/15	100	10/17/17	1.09	16	24	10,222
									0.24	16	28	2,223
									0.06	16	28	532

* See list by counties. † Including \$3,394 59 refunded by Bonding Co.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
8 Con. (d) (16). Li.	5 2	Br. (32) Li.	4 2		2.023 1.055	47,607 16,690				1037A 1038
Grv. Con. (h) (13)	5	Br. (14)	4		2.194	23,770				
Grv. Con. (h) (13)	3			T. (17)	0.827	10,900	1917	2.51	2" Bit. Mac.	1039
Grv. Con. (h) (13)	6			T. (17)	0.827	10,900				
Li.	4	Li.	3	Asp. (1)	0.955	16,290				1040
Li.	4	Li.	2	Asp. (1), (7)	0.840	14,400			Oiled	1041
Li.	4	Li.	2	Asp. (7)	0.805	11,590			Oiled	1042
Grv. Con. (d) (5)	5			T. (17), Grv.	1.061	14,435	1917	1.21	2 1/2" Bit. Mac.	1043
8 Con. (3)	5	Br. (17)	4		2.294	31,500				1044
App. St.	4	Li.	2	Asp. (1)	0.767	17,240				
Li.	3	Li.	3	Asp. (1), (7)	0.925	12,730				1045
8 Con. (d) (1)	6			T. (17)	0.810	13,100				1046
Grv. 9 Grv. Con. (h) (1) 5										
Grv. 9 Grv. Con. (h) (1) 5	14	Br. (3)	4		2.297	31,010				
Grv. 9 Grv. Con. (h) (1) 5	14	Med. Blk.	5		2.947	39,110				
Grv. 9 Grv. Con. (h) (1) 6	15			Asp. (19)	1.320	23,830				1047
Grv. 9 Grv. Con. (h) (1) 7	16			T. (17)	1.367	24,280				
Cam. Grv.	3	Cam. Grv.	3	Sn. H.O. (9)	0.939	12,575				1048
Grv. Con. (h) (10)	6	Br. (22)	4		2.118	42,010				1049
Li.	4	Li.	3	Asp. (1)	0.833	13,110				1050
Dol. Li.	5	Tr.	3	Asp. (2), M.M. 1	1.440	18,305				
Dol. Li.	8	Tr.	3	Asp. (2), M.M. 1	1.683	20,585				
Sub. & Dol. Li. 2	8	Tr.	3	Asp. (2), M.M. 1	1.433	18,235				1051
App. St.	9	Tr.	3	Asp. (2), M.M. 1	1.135	15,435				
Gn.	4	Gn.	3	H.C. T. (17)	0.874	14,085				1052
Sub. 8", Gn. 2"	10	Gn.	3	H.C. T. (17)	1.374	18,785				
(Old Mac.)		Asp. Blk.	3		1.600	21,205				1053
(Old Mac.)		Set.	3	Se. water	1.020	15,600				
Slag	3	Li.	3	Se. water						1054
										1055
										1056
										1057
Grv.	6	Grv.	3	Water	0.563	9,831				1058
Grv.	6	Lo. Li.	3	Water						1059
Grv.	9	Lo. Li.	3	Water						
Lo. St.	4	Li.	3	Se. water						
Grv. Con. (h) (1)	5	Br. (15)	4		1.800	27,400				1060
8 Con. (e) (18)	6 P	Br. (3)	4		1.861	27,120				1061
Grv. Con. (g) (14)	5	Br.	4		1.859	22,404				1062
Li.	5	Li.	3	Se. water	1.035	14,800				1063
Slag	5	Li.	3	Se. water	1.035	14,800				1064
Grv. Con. (g) (14)	5	Br. (22)	4		1.881	22,609				1065
8 Con. (d,g) (16)	Av. 5	Br. (14, 22, 15)	4		2.094	36,300				
		F Con.	8 P		1.410	17,040				1066
8 Con. (d,g) (16)	Av. 6	Med. Blk.	5		3.294	37,600				
8 Con. (d) (5, 15)	Av. 3	Br. (9, 22, 32)	4		1.954	21,660				1067
Li.	4	Li.	2	Se. water	0.821	14,770			Oiled	1068
Li.	4	Li.	2	Asp. (1)	0.875	12,720				1069
App. St.	4	App. St.	2	Se. water	0.822	12,290	1916	1.25	2 1/2" Bit. Mac.	1070
Grv. Sub. Grv. Con. (h) (10)										
Li.	6			T. (16, 17) Grv.	0.926	13,791				1071
Li.	4	Li.	2	Asp.	0.845	21,750				
Li.	5	Li.	2	Asp.	0.908	22,910				1072
Grv. 6 Li. 5	11	Li.	2	Asp.	1.326	26,270				
8 Con. (1, 10)	5	Br. (18)	4		2.411	29,572				
Li.	5	Li.	2	Asp.	1.073	16,013				
Li.	3 1/2	Li.	2	Asp.	0.929	15,706				1073
Li.	2 1/2	Li.	2	Asp.	0.674	13,274				
Old Mac.		Li.	3	Asp.	0.475	11,403				
8 Con. (1, 2, 6, 9)	5	Br. (18)	4							
Sub.	6	F. Con.	6	(1, 2, 6, 9)						1074
Old Mac.		F. Con.	6	(1, 2, 6, 9)						
		Br. (18)	4							

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 189 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1075	Cort...	5.25		\$51,609 69	\$36,126 78	10/16/14	100	12/10/15	5.25	14	26	43,206
1076	Tioga...	4.29		43,099 87	31,868 00	8/27/13	100	9/ 5/17	4.29	14	26	35,227
1077	Tioga...	4.92		40,274 69	29,803 27	8/28/13	100	11/ 8/16	4.72	14	24	38,757
*1078	Tioga...		8.00	80,930 03		8/18/10	81		0.27	12	24	1,865
									5.73	12	24	40,369
1079	Tioga...	4.07		33,973 64	25,804 01	10/29/15	100	1/30/17	4.07	14	26	33,483
1080	Wash...	6.94		9,164 02	6,598 09	8/ 4/13	100	1/13/14	0.94	16	26-32	8,808
1081	Wash...	3.34		33,052 95	23,798 12	5/27/15	100	11/23/16	3.34	12	24	23,530
1082	Wash...	1.72		71,786 56	26,932 18	9/19/12	100	2/23/14	1.49	Varies	Varies	25,368
									0.23	16	26	2,155
1083	Wash...	0.56		33,929 47	11,559 40	9/15/13	100	12/11/14	0.53	21-35	21-35	10,882
*1084	Niagara...			42,728 04	9,810 37	8/12/13	100	5/18/14	0.97	30-40	30-40	18,056
1085	Niagara...	0.97		39,376 54	9,147 79	8/12/13	100	12/ 3/14	0.60	30	30	10,912
1086	Niagara...	0.60		70,556 21	28,210 13	9/19/13	100	10/15/14	2.77	16-32	32	30,448
1087	Niagara...	2.77		29,000 00	19,720 00	7/19/15	94		0.30	16	32	4,759
1088	Wyom...		1.53						1.01	16	32	9,701
1089	Frank...	10.72		110,472 57	88,378 05	5/22/14	100	9/23/15	10.72	12-16	24-28	77,279
1090	Frank...	4.35		57,846 35	46,277 08	4/ 4/14	100	12/18/14	2.91	14	26	25,581
									1.44	14	26	11,809
*1091	Allegany...			25,097 49	11,881 02	8/22/13	100	1/22/14	0.51	25-36	27-38	7,502
1092	Lewis...	0.51										
1093	Chem...	0.36		20,107 62	4,191 41	9/15/13	100	3/ 3/14	0.36	36	36	7,637
1094	Chem...	1.10		66,507 36	11,705 35	10/ 2/13	100	1/ 4/15	1.10	38	38	21,548
1095	Chem...	1.12		48,049 18	11,602 34	9/10/12	100	11/27/14	1.12	28	30	13,398
1096	Chem...	0.51		29,900 10	5,546 12	10/ 2/13	100	1/ 4/15	0.51	38	38	11,610
1097	Genesee...	0.44		8,999 65	5,849 77	8/ 1/13	100	12/19/13	0.44	16	26	4,301
1098	Hamilt...		4.22	54,200 00	43,360 00	6/17/15	42			16	24	39,682
*1099	Hamilt...		4.54	58,690 00	46,880 00	8/17/15	95		4.54	16	26	42,946
1100	Hamilt...			47,851 36	32,538 93	6/10/16	100	2/ 9/14	5.21	10	22	30,561
1101	Steuben...	5.21		91,888 65	62,454 28	7/16/15	100	12/14/16	9.09	12	24	61,020
1102	Steuben...	9.09										
*1103	Steuben...		4.09	54,341 20	31,751 99	7/ 7/14	100	12/ 8/15	3.52	10-22	24-28	24,700
1104	Steuben...								0.57	20-44	26-33	8,477
1105	Albany...	6.75		46,944 58	9,107 53	9/17/12	100	10/17/13	0.75	54	57	23,760
1106	Broome...	5.11		62,707 08	40,759 60	9/17/12	100	4/ 3/14	5.11	16	26	48,060
1107	Oneida...	0.22		3,306 36	2,149 13	7/28/13	100	12/17/13	0.22	16	32	2,163
1108	St. Law...	2.19		31,323 65	17,425 35	7/31/13	100	9/ 2/14	2.19	16-60	32-60	26,533
1109	Wash...		2.06	20,800 00	14,976 00	9/ 1/15	82		1.80	19	24	15,269
									0.20	14	24	1,632
1110	Madison...	3.05		32,430 52	22,701 36	11/ 1/15	100	3/ 6/15	3.05	14	26	21,387
1111	Oneida...	0.82		46,144 39	10,280 56	2/27/14	100	1/ 8/15	0.82	16-36	26-36	14,026
1112	Colum...	1.85		24,329 31	15,814 05	3/ 6/14	100	1/13/15	0.30	14	26	2,489
									1.55	14	26	12,696
1113	Colum...	5.80		57,989 85	37,693 40	3/11/14	100	11/30/14	2.92	14	24	23,626
									2.87	14	24	23,909
1114	Dutchess...	3.02		46,276 21	30,079 54	8/ 1/14	100	1/13/15	3.02	16	30	28,303
1115	Renss...	2.57		41,520 10	24,690 28	8/30/13	100	1/27/15	2.57	14	26	20,120
§1115A	Renss...	1.91		30,575 18	19,873 87	6/30/14	100	6/28/15	1.91	14	26	15,647
§1116A	Renss...											
1116	Renss...	3.74		68,997 49	42,014 62	9/ 2/13	100	2/20/15	3.74	14-40	23-40	37,229
1117	Saratoga...		6.10	93,000 00	32,550 00	7/11/16	51		3.05	18	28	28,944
									3.05	12	26	22,527
1118	Warren...	5.84		84,520 63	67,616 50	5/15/14	100	1/10/16	5.84	14	26	48,520
1119	Renss...			3,507 72	1,148 87	8/25/13			1.71			
									0.90	22, 24, 36, 38, 40		11,862
1119A	Renss...			77,694 14	20,971 26	6/29/14	100	12/12/14	0.30	30	30	5,688
									0.51	118-25	22-30	5,069

* See list by counties.

† Changed from original plans.

‡ Items combined and let in one contract.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAYMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sub.	6	Li.	3	Sc. water	0.737	13,690			Oiled	1075
Fld.	5	Li.	3	Sc. water	0.680	10,835				1076
Fld.	5	Li.	3	Sc. water	0.609	9,350				1077
Sub.	6	Li.	3	Asp.	1.511	16,840				1078*
Sub.	6	Grv.	3	Sc. water	0.854	15,300				
Fld.	6	Li.	3	Sc. water	0.628	9,080				1079
Lo. St.	3	Lo. St.	3	Sc. water	0.572	9,750				1080
Qrs.	4	Li.	3	Sc. water	0.557	10,960				1081
S Con. (d) (10).	5	Br. (23, 26)	4		2.144	29,388				1082
Sub.	6	Grv.	3	Sc. water	0.521	14,167				
S Con. (d) (9)	5	Br. (26)	4		2.250	36,971				1083
Grv. Con. (d) (14)	5	Br. (9)	4		1.873	24,304				1084*
S Con. (d) (1).	5	Med. Blk.	6		2.741	40,566				1085
Grv. Con. (d) (14)	5	Br. (9)	4		1.848	22,281				1086
S Con. (d) (11)	5	Br. (22)	4		2.150	26,900				1087
Slag.	5	Li.	3	Sc. water	0.873	14,910				1088
Sub.	6	Grn. Dol.	3	T. (17)	0.974	12,720				1089
Sy.	3	Sy.	3	Asp. (7)	0.912	14,270				1090
Sub.	6	Sy.	3	Asp. (7)	0.952	14,650				1091*
S Con. (d) (3, 5, 10)	5	Bitu.	2		2.317	29,505				1092
Grv. Con. (d) (3)	5	Br. (32)	4		2.035	29,312				1093
Grv. Con. (d) (13, 14)	5	Br. (10, 21)	4		1.909	30,441				1094
Grv. Con. (d) (8, 13)	5	Br. (10)	4		1.988	31,839				1095
Grv. Con. (d) (6, 13)	5	Br. (14, 22)	4		1.915	31,230				1096
Sc. Grv. Con. (d)	5	App. St.	13	Asp. (10) M M	1.575	20,450				1097
Sub.	6	Grn.	5	T. ()	0.689	13,130				1098
Grn.	6	Grn.	3	Sc. water	0.756	13,050				1099*
Sub.	6	Li.	3	Sc. water	0.821	12,460				1100
Sub.	6	Slag.	3	Sc. water	0.784	12,100				1101
Grv.	5	Grv.	3	Li. Sc. water	0.687	12,033				1102*
Sc. Grv. Con. (d) (6)	5	Br. (22)	4		1.990	24,264				1104
S Con. (8, 9)	5	Bitu.	2		2.304	23,160				1105
Fld.	6	Set.	3	Asp. (10)	0.863	12,360				1106
Li.	3	Li.	3	Asp. (3)	0.950	15,030			Oiled	1107
Set. & Grn.	3	Set & Grn	3	Asp. (7)	0.961	11,300				1108
Qrs.	4	Qrs.	3	Sc. water	0.830	10,810				1109
Sub. & Qrs. 4.	10	Qrs.	3	Sc. water	0.863	13,000				
Sub.	6	Dol.	3	Sc. water	0.710	11,410				1110
Sc. Grv. Con. (d) (10)	5	Bitu.	2		2.287	21,515				1111
Lo. St.	5	Qrs.	3	Sc. water	0.630	12,944				1112
Sub. 6", Lo. St. 3"	8	Qrs.	3	Sc. water	0.768	14,243				1113
Set.	5	Set.	3	Sc. water	0.694	10,870				1114
Fld. 6", Li. 2"	8	Li.	3	Sc. water	0.684	10,870				1115
Sub.	6	Qrs.	3	Asp. (1)	0.943	13,030				1116
App. St.	3	App. St.	3	Sc. water	0.850	24,170	1917	0.95	F Con.	1117
Grv., Tr.	10	Tr., Li.	3	Sc. water	1.207	17,450				1118A
App. St.	Av. 4	App. St.	3	Sc. water	0.826	20,875				1119
App. St.	4 1/2	App. St.	2 1/2	T.	0.943	14,530				1120
Sub. 5, App. St. 3	9	pp. St.	2 1/2	T.	1.164	16,910				1121
Gn.	4	Gn.	3	T. (17)	0.937	15,576				1122
Sc. Grv. Con. (d) (3)	6	Grn. Blk.	4 1/2	Cem. Grout	3.069	39,793				1123
Sc. Grv. Con. (d) (3)	6	Br. (23)	4	Cem. Grout	2.403	22,557				1124
Tr.	3	Tr.	3	Asp. (2)	1.196	22,778				1125

APPENDIX A—COUNTY HIGHWAYS JANUARY 1,

See page 188 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Number of yards of pavement
		Accepted	Under contract									
1119	Renss...	1.71		\$81,201 86	\$22,120 13				0.90	22-24	30-36	11,862
1119A	Renss...								0.30	30	30	5,668
1120	Renss...			17,029 26	5,004 73	6/18/15	100	12/20/15	0.51	18-25	22-30	6,662
									0.35	18-20	22-30	5,086
1121	Renss...	1.65		63,647 96	21,265 63	8/30/13	100	3/25/15	0.21	32	32	4,350
									1.44	16-32	26-32	16,902
1122	Renss...	2.70		28,754 18	18,690 22	8/25/13	100	6/18/14	2.70	14	24-26	22,142
1123	Renss...	0.51		6,098 73	4,098 04	8/25/13	100	5/ 2/14	0.51	14	24	4,789
1124	Brice...	0.75		18,746 82	12,185 48	9/ 6/13	100	11/ 4/14	0.75	16-20	24-32	7,135
1125	St. Law.	1.24		16,225 18	11,682 13	9/10/13	100	9/ 2/14	1.24	16	22	11,631
1126	St. Law.	7.89		74,968 97	53,315 26	4/ 4/14	100	12/30/15	7.22	12	26	50,000
									0.66	12	26	4,890
									0.21	30	30	8,667
1127	Fulton...	1.73		36,535 05	14,785 91	9/22/13	100	12/15/14	1.19	16	26	11,203
									0.33	16	26	3,159
1128	Schuy...	1.04		13,633 13	10,906 50	9/10/13	100	9/12/14	1.04	14	24	8,537
1129	Jeffers...	2.45		33,496 23	21,772 58	8/28/13	100	12/ 7/14	2.45	14	38	20,190
1130	Jeffers...	0.36		5,721 95	3,339 27	8/28/13	100	12/29/13	0.36	12-16	21-28	3,896
1131	Jeffers...	2.46		25,505 59	16,578 63	8/28/13	100	10/29/14	2.46	12-14	24	18,697
1132	Jeffers...	2.29		25,552 09	16,608 86	8/23/13	100	10/ 5/14	2.29	12	26	16,147
1133	Jeffers...	4.72		53,031 19	34,470 27	9/ 2/13	100	11/29/14	4.72	14	28	36,736
1134	Jeffers...	0.99		51,716 21	16,185 06	8/22/12	100	11/ 4/14	0.99	15-20	26-30	15,295
1135	Niagara...	1.49		14,999 87	9,749 91	9/30/13	100	12/23/14	0.70	16	32	7,497
									0.60	16	32	6,602
1136	Oswego...	0.90		13,307 80	9,049 30	7/29/14	100	12/18/14	0.90	10	30	8,424
									0.08	31-34	45	590
1137	Oswego...	1.43		30,324 07	10,162 03	2/19/14	100	12/ 8/13	0.36	14	28	2,024
									0.99	14	28	8,124
1138	Oswego...	10.65		18,390 97	12,437 86	9/29/13	100	12/12/14	0.65	18	30	6,136
1139	Ontario...	1.38		16,995 40	11,047 01	5/27/15	100	12/15/15	1.38	16	32	12,884
1140	Mont...	1.87		104,573 91	21,678 40	9/29/13	100	10/29/14	1.87	30-44	30-44	35,295
1141	Oneida...	3.37		46,220 09	30,043 06	2/24/14	100	12/23/14	3.37	16	26-28	31,573
1142	Wayne...	0.73		11,368 88	7,265 77	10/ 2/13	100	11/17/14	0.73	16	32	6,832
1143	Saratoga...	1.30		21,195 69	12,290 00	3/ 9/14	100	8/25/14	1.30	16-27	24-32	14,335
1144	Oneida...	3.61		60,926 58	33,102 28	2/20/14	100	11/17/14	2.61	16	26	33,862
1145	Onondaga...	0.76		23,614 38	14,307 19	12/14/14	100	12/28/15	0.18	16	30	1,676
									0.68	16	30	5,567
1146	Albany...	0.18		14,030 38	2,875 08	4/16/14	100	11/18/14	0.18	27	37	3,795
1147	Otsego...	0.30		3,167 42	2,407 24	1/30/14	100	7/20/14	0.20	16	28	1,858
1148	Jeffers...	8.92		72,518 29	47,186 89	4/ 3/14	100	12/ 8/15	3.94	14-16	26-32	34,160
									4.98	14	28-32	40,989
1149	Jeffers...	1.60		30,684 40	13,444 56	5/13/14	100	12/16/14	1.60	12-16	26	13,788
1150	Jeffers...	1.13		12,636 60	8,161 64	6/13/14	100	12/20/14	0.20	12	26	1,385
									0.93	13-16	26	7,898
									0.22	16	26	2,120
1151	Jeffers...	8.23		63,275 17	60,638 56	5/15/14	100	12/26/14	2.42	12-16	24-28	10,675
									5.59	12-16	26, 28	41,830
1152	Colum...	1.18		14,768 34	9,592 92	12/14/14	100	2/16/16	0.93	12	24-22	6,540
									0.25	12	23-24	1,783
1153	Niagara...	1.27		70,651 42	15,177 64	9/ 2/15	100	11/ 8/16	0.30	10-47	19-47	6,166
									0.97	30-70	30-70	21,691
1154	Renss...	0.88		10,030 83	6,520 04	6/18/15	100	2/ 8/16	0.88	14	26	7,307
									2.18	16	26	20,451
1155	Wyom...	2.70		60,791 46	28,870 35	3/ 6/14	100	12/21/14	0.61	28-35	28-35	12,716
1156	Chen...	0.82		16,604 02	6,604 43	7/20/16	100	9/23/17	0.82	16-23	26-30	8,494
1157	Oneida...	13.72		134,754 56	87,500 46	10/16/14	100	4/13/17	10.74	16	30	100,776
									2.68	16	28	27,974
1158	Oneida...	6.68		54,584 78	35,490 11	4/16/15	100	11/14/16	6.68	16	28	62,666
1159	Oneida...	7.76		93,697 54	60,903 40	6/12/15	100	1/ 9/15	7.76	16	28	72,942

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued).

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERMANENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 18'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Se. Grv. Con. (d)	6	Grn. Blk.	4 1/2	Cem. Grout.	3.000	41,559				1119
Se. Grv. Con. (d)	6	Br. (23)	4	Cem. Grout.	2.408	35,871				1119A
Tr.	3	Tr.	3	Asp. (2)	1.196	24,541				
Se. Grv. Con. (d)	5	Br. (32)	4		2.047	30,845				1120
Se. Grv. Con. (d) (10)	5	Grn. Blk.	4 1/2		2.691	35,952				1121
Se. Grv. Con. (d) (10)	5	Br. (32)	4		2.064	29,443				
Sub.	6	Set.	3	HO. (10)	0.595	11,411				1122
App. St.	3	App. St.	3	Ben. (1)	0.928	13,132				1123
Grv. Con. (h) (16)	5	Br. (4) (32)	4		1.760	22,770				1124
Sub.	6	App. St.	3	Asp. (2)	0.702	12,763			Oil.	1125
Sub.	6	Gn.	3	Se. water.	0.632	10,800			Oil.	1126
Gn.	3	Gn.	3	Se. water.	0.702	11,550				
S Con. (d) (16)	5	Br. (17)	4		2.981	34,108				
App. St.	3	App. St.	3	Asp. (10)	1.047	16,030			Oil.	1127
Sub.	6	App. St.	3	Asp. (10)	1.069	15,450				
App. St.	6	Li.	3	Asp. (7)	1.033	14,451			Oil.	1128
Sub.	6	Li.	3	Asp. (7)	1.044	14,705				1129
Sub.	6	Gn.	3	Asp. (2)	1.014	13,995				1130
Li.	3	Li.	3	Asp. (11)	0.888	11,920				1131
Flt.	6	Li.	3	Asp. (10)	1.056	13,630				1132
Sub.	6	Gn.	3	Asp. (10)	0.884	12,025				1133
S Con. (d) (5)	5	Br. (18)	4		2.461	35,755				1134
Li.	3	App. St.	3	Asp. (7)	0.715	9,560				1135
Sub. 6", Li. 3"	9	App. St.	3	Asp. (7)	0.899	11,290				
Li.	4	Li.	3	Asp. (10)	1.092	14,650				1136
S Con. (d) (13)	5	Br. (1)	4		2.194	25,090				
Flt. Li.	4	Set.	3	Asp. (7, 10)	0.977	13,660				1137
Flt. Li.	6	Set.	3	Asp. (7, 10)	1.193	15,690				
Grv. Con. (g)	5	Br. (17)	4		2.007	27,835				1138
Grv.	6	Li.	3	Asp. (10)	0.803	10,284				1139
S Con. (d) (37)	5	Br. (4, 14)	4		2.083	36,000				1140
Sub.	6	Li.	3	Asp. (7)	0.942	13,670				1141
		Grv. Con. (d) (6)	6		0.840	15,245				1142
		F Con. (10)	6		1.027	14,440				1143
Sub.	6	Gn.	3	Asp. (17)	0.848	14,090				1144
Li.	4	Li.	3	Asp. (7)	1.181	19,150				1145
S Con. (d) (12)	5	St. Blk.	4		3.381	39,800				
S Con. (10)	5	Br. (32)	4		2.819	46,000				1146
App. St.	4 1/2	App. St.	3	Se. water.	0.966	15,000			Oil.	1147
Li.	3	Li.	3	Se. water.	0.603	8,590			Oil.	1148
Sub.	6	Li.	3	Se. water.	0.624	8,790				
Flt.	6	Li.	3	Asp. (11)	1.036	13,520				1149
Flt.	6	Li.	3	Asp. (11)	1.026	13,520				1150
Li.	3	Li.	3	Asp. (11)	0.859	11,950				
S Con. (6, 16)	5	Br. (14)	4		2.911	30,955				
Lo. St.	3	Gn. & Set.	3	Asp. (2)	0.885	11,940				1151
Flt.	6	Gn. & Set.	3	Asp. (7)	0.968	12,720				
Sub. 5, Flt. 2"	7	Dol.	3	Se. water.	0.612	14,375				1152
Dol.	5	Dol.	2	Se. water.	0.632	14,560				
S Con. (d) (1, 2, 9)	5	St. Blk.	2		2.903	34,320				1153
S Con. (d) (1, 2, 9)	5	Assn. Blk.	2		2.053	26,240				
Set.	4	Set.	2	Asp. (10)	0.826	12,295				1154
Grv.	5	App. St.	3	Asp. (7)	0.952	13,444				1155
Se. Grv. Con. (d) (1, 3)	5	Br. (14)	4		1.994	23,127				
Lo. St.	4 1/2	Li.	3	Asp.	0.899	17,415				1156
Sub.	6	Set. Li.	3	Se. water.	0.711	9,850				1157
Sub.	6	Set. Li.	3	Se. water.	0.691	9,820				
Sub.	6	Lo. St.	3	Se. water.	0.504	8,070				1158
Sub.	6	Li.	3	Se. water.	0.849	11,950				1159

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1102	Madison	4.90	.....	\$48,778 65	\$34,145 05	6/29/14	100	1/ 4/16	4.95	12-16	26	35,628
1161	Broomfield	0.41	.....	27,064 16	6,010 97	10/19/14	100	6/16/18	0.41	14	40	9,913
1162	Dutchess	5.16	.....	.....	.....	9/ 1/16	100	10/17/18	0.61	14	26	5,040
									4.55	14	26	37,403
1163	Dutchess	.....	6.13	116,700 00	75,855 00	9/ 2/15	88	.....	6.18	14, 16	23-32	50,811
									5.03	14, 16	23-32	41,575
									0.14	14, 16	23-32	1,283
1164	Jefferson	9.11	.....	69,994 97	45,496 73	5/14/14	100	9/11/15	3.40	14, 16	26, 32	29,771
									0.54	14	26	4,395
									0.08	16	30	744
1165	Jefferson	3.53	.....	47,508 83	30,880 74	8/19/14	100	3/ 8/16	2.95	14-36	30-36	25,038
									0.50	14	26	4,115
1166	Jefferson	0.78	.....	9,166 65	5,958 32	8/19/14	100	11/30/14	0.30	12	28	2,143
									0.48	16	28	4,457
1167	West	1.28	.....	31,078 77	20,199 90	4/ 2/14	100	4/ 3/15	1.28	16	28	12,040
1168	St. Lawrence	6.43	.....	66,355 23	47,775 76	4/ 2/14	100	11/ 4/14	5.99	12-16	26-32	43,750
									0.44	16	32	4,068
1169	Chautauq	0.61	.....	16,327 41	10,612 82	4/ 3/14	100	11/17/14	0.61	16	32	5,757
1170	Cattaraugus	0.44	.....	6,937 89	4,995 28	1/11/15	100	9/ 2/15	0.44	16	32	4,139
1171	Chemung	.....	7.12	92,300 00	45,750 00	2/28/17	22	.....	7.12	12-30	24-38	50,753
1172	Schenectady	2.15	.....	33,068 28	17,210 16	5/21/14	100	1/ 8/15	0.44	18-30	22-30	5,867
									1.71	14-17	24-27	13,377
1173	Cayuga	9.62	.....	103,845 94	67,289 36	5/16/14	100	12/ 8/15	5.59	14	26	45,910
									4.03	14	30	33,133
									5.41	14-40	26-40	45,026
1174	Cayuga	5.51	.....	76,912 42	49,391 62	5/13/14	100	12/22/15	0.10	12	28	700
									.....	4	.....	233
1175	Cayuga	1.82	.....	33,258 77	21,618 20	6/30/14	100	6/21/15	1.82	14-16	26-40	15,162
1176	Essex	4.67	.....	96,753 50	54,737 87	5/22/14	100	11/18/15	4.67	14-16	24	39,426
1177	Essex	5.34	.....	56,217 59	46,094 59	4/15/15	100	1/10/16	5.34	14	24	43,616
1178	Essex	3.83	.....	47,115 69	38,634 87	5/14/14	100	1/ 7/15	3.83	14	24	31,500
1179	Franklin	3.49	.....	37,715 55	30,172 44	5/15/14	100	12/17/14	3.49	14	26	28,522
1180	Franklin	4.09	.....	51,122 75	40,898 20	5/15/14	100	8/10/15	4.09	12	24-26	28,781
1181	Jefferson	0.67	.....	7,968 46	5,140 50	8/19/14	100	11/30/14	0.67	16	28	4,306
									0.18	16	28	1,956
									4.98	14, 16	26, 32	41,903
1182	Jefferson	8.36	.....	78,015 56	46,693 10	6/12/14	100	2/ 8/16	2.54	14	26	20,875
									0.20	10-40	32-40	2,915
									0.64	16	32	6,053
1183	Saratoga	1.16	.....	12,823 06	8,334 99	6/10/14	100	12/29/14	1.16	14	24-26	9,579
1184	Albany	1.77	.....	18,489 30	12,018 04	5/11/14	100	10/27/14	1.77	16	24	16,639
1185	Wayne	4.17	.....	48,683 26	30,303 12	5/28/14	100	1/ 4/15	4.17	14-42	24-50	36,980
									0.92	16	28	8,792
1186	Ulster	1.13	.....	18,829 09	12,238 91	5/15/14	100	12/15/15	.....	16	28	2,005
									2.88	10-16	26	17,226
1187	Montroe	3.85	.....	23,181 90	15,068 24	6/17/14	100	9/15/15	.....	6	.....	9,781
									0.97	10	26	5,700
									.....	6	.....	3,420
1188	Tompkins	2.77	.....	51,193 08	29,089 40	6/10/14	100	1/ 4/15	0.39	16-50	16-50	11,096
									2.38	14	24	19,532
1189	Tompkins	6.34	.....	.....	.....	10/19/14	100	10/10/18	4.98	12	22	35,067
									1.36	12	22	9,600
1190	Schuyler	1.15	.....	11,770 89	9,416 71	6/10/14	100	2/15/15	1.11	12	24	7,836
									0.04	12	24	255
1191	Lewis	6.36	.....	68,910 86	57,883 86	6/25/14	100	11/20/15	6.36	12	26	44,761
1192	Lewis	5.71	.....	68,398 56	57,454 79	6/29/14	100	10/20/15	5.66	12-16	26	40,844
									0.05	12	26	446
									3.13	12	26	15,661
1193	Lewis	9.17	.....	104,915 20	88,126 88	6/29/14	100	12/26/16	0.31	16	26	2,961
									0.17	12	26	1,190
									6.56	12-16	26	46,551
1194	Rensselaer	0.39	.....	5,053 71	2,976 85	6/27/14	100	11/ 8/14	0.39	16	26	3,699
1195	Chemung	1.14	.....	36,468 56	15,726 04	6/27/14	100	8/17/15	1.14	16-30	26-30	12,010
1196	Ontario	1.89	.....	16,833 66	10,941 88	6/30/14	100	8/24/15	1.89	14	28	15,489
1197	Jefferson	1.81	.....	19,303 09	12,547 01	7/23/14	100	1/ 4/15	0.97	16	32	9,064
									0.84	12, 16	26, 32	6,203

* See list by counties.

† See Highway No. 1166.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Gr. Co. (d) (3)	6 Set	3 Sc., water			0.729	11,290			1160	
Gr. Co. (d) (3)	5 Br. (17)	4			1.707	27,640			1161	
Gr. Co. (d) (3)	10 App. St.	3 Sc., water							1162	
Gr. Co. (d) (3)	5 App. St.	3 Sc., water								
Gr. Co. (d) (3)	10 App. St.	3 Sc., water		T ()	0.818	18,680			1163	
Gr. Co. (d) (3)	6 Li.	3 Sc., water			0.582	8,270				
Gr. Co. (d) (3)	3 Li.	3 Sc., water			0.310				1164	
Gr. Co. (d) (3)	3 Li.	3 Sc., water			0.550	7,970				
Gr. Co. (d) (3)	5 Li.	3 Sc., water			6.720	9,530				
Gr. Co. (d) (3)	6 Br. (18)	4			2.433	23,470				
Gr. Co. (d) (3)	3 Sy. Grn.	3 Asp. (10)			0.855	13,660			1165	
Gr. Co. (d) (3)	6 Sy. Grn.	3 Asp. (10)			0.900	14,040				
Gr. Co. (d) (3)	3 App. St.	3 Asp. (10)			0.973	12,470			1166	
Gr. Co. (d) (3)	6 App. St.	3 Asp. (10)			0.988	12,595				
Gr. Co. (d) (10)	5 Asp. Bk.	2			1.990	24,245			1167	
Gr. Co. (d) (10)	6 Gn.	3 Sc., water			0.650	11,230		Oiled	1168	
Gr. Co. (d) (10)	6 Gn.	3 A p (7)			1.047	14,980				
Gr. Co. (d) (1, 16)	6 Br. (15)	4			1.890	26,145			1169	
Gr. Co. (d) (1, 16)	6 F Con. (5)	6			1.143	15,458			1170	
Gr. Co. (d) (1, 16)	6 Li.	3 Sc., water		T ()	0.981	15,360			1171	
Gr. Co. (d) (1, 16)	6 App. St.	2 Asp. (15) M.M.2			1.525	18,939			1172	
Gr. Co. (d) (1, 16)	6 F Con.	6			1.171	14,918				
Gr. Co. (d) (1, 16)	5 App. St.	24			0.902	11,925			1173	
Gr. Co. (d) (1, 16)	9 App. St.	24			1.040	12,615				
Gr. Co. (d) (1, 16)	9 Li.	3 Sc., water		Ghu	0.956	14,520			1174	
Gr. Co. (d) (1, 16)	5 St. Bk.	5			3.148	35,100				
Gr. Co. (d) (1, 16)	4 App. St.	3 Sc., water		Ghu	0.742	12,515				
Gr. Co. (d) (1, 16)	9 Li.	24 Asp. (10)			1.346	12,445			1175	
Gr. Co. (d) (1, 16)	4 Dol. Sy.	3 Asp. (11)			0.921	17,525			1176	
Gr. Co. (d) (1, 16)	4 Gab.	3 Asp. (10)			0.788	13,672			1177	
Gr. Co. (d) (1, 16)	3 Gn.	3 Asp. (10, 11)			0.837	13,487			1178	
Gr. Co. (d) (1, 16)	6 Grn.	3 Asp. (7)			0.971	11,940			1179	
Gr. Co. (d) (1, 16)	6 Grn.	3 Asp. (10)			1.020	15,170			1180	
Gr. Co. (d) (1, 16)	3 App. St.	3 Asp. (10)			0.973	12,470			1181	
Gr. Co. (d) (1, 16)	3 App. St.	3 Asp. (10)			0.695	9,890				
Gr. Co. (d) (1, 16)	3 Li.	3 Sc., water			0.554	8,240				
Gr. Co. (d) (1, 16)	6 Li.	3 Sc., water			0.638	9,030				
Gr. Co. (d) (1, 16)	6 Br. (17)	4			2.633	27,750			1182	
Gr. Co. (d) (1, 16)	6 F Co l. (16)	6			1.167	13,990				
Gr. Co. (d) (1, 16)	4 Imp. St.	3 Asp. (10)			0.900	12,145			1183	
Gr. Co. (d) (1, 16)	4 Li.	3 Sc., water			0.731	10,555		Oiled	1184	
Gr. Co. (d) (1, 16)	9 App. St.	3 Asp. (10)			0.906	12,130			1185	
Gr. Co. (d) (1, 16)	10 Set.	3 Asp. (10)			1.080	16,401			1186	
Gr. Co. (d) (1, 16)	5 Set.	3 Asp. (10)			1.020	15,838				
Gr. Co. (d) (1, 16)	6 Grv.	3 Sc., water		T (17), Sn.	0.824	6,280				
Gr. Co. (d) (1, 16)	6 Grv.	3 Sc., water		T (17), Sn.	0.158			Oiled	1187	
Gr. Co. (d) (1, 16)	6 App. St.	3 Sc., water		T (17), Sn.	0.466	7,594				
Gr. Co. (d) (1, 16)	6 App. St.	3 Sc., water		T (17), Sn.	0.296					
Gr. Co. (d) (1, 16)	5 Br. (2)	4			1.905	21,830			1188	
Gr. Co. (d) (1, 16)	6 Li.	3 Sc., water		App. (17)	0.676	12,290			1189	
Gr. Co. (d) (1, 16)	4 Fld.	3 Sc., water		Li						
Gr. Co. (d) (1, 16)	10 Li.	3 Sc., water		Li				Oiled	1190	
Gr. Co. (d) (1, 16)	6 Li.	3 Sc., water			0.673	12,127				
Gr. Co. (d) (1, 16)	6 Li.	2 Sc., water			0.235	7,997				
Gr. Co. (d) (1, 16)	6 Sy. & Gn.	3 Asp. (10)			0.864	12,890			1191	
Gr. Co. (d) (1, 16)	6 F. Con. (a).	6		(1) (10)	0.983	13,650			1192	
Gr. Co. (d) (1, 16)	5 Br. (17)	4			2.672	29,800				
Gr. Co. (d) (1, 16)	6 F. Con. (10)	6 F			1.108	14,705			1193	
Gr. Co. (d) (1, 16)	6 F. Con. (10)	6 F			1.108	14,705				
Gr. Co. (d) (1, 16)	6 Br. (17)	4			2.672	29,385				
Gr. Co. (d) (1, 16)	6 App. St.	3 Asp. (10)			0.864	12,415			1194	
Gr. Co. (d) (1, 16)	4 App. St.	3 Sc., water		HO (10)	0.930	15,180			1195	
Gr. Co. (d) (1, 16)	5 Br. (14, 22)	4			1.957	29,805			1196	
Gr. Co. (d) (1, 16)	12 Imp. Li.	3 Sc., water		HC. T (17)	0.870	9,670		Oiled	1197	
Gr. Co. (d) (1, 16)	3 Grn.	3 Asp. (10)			0.838	11,275				
Gr. Co. (d) (1, 16)	6 Grn.	3 Asp. (10)			0.875	11,615			1197	

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1198	Albany..	1.25				7/ 9/14	100	11/23/18	0.49 0.62	16 16 1/2	26	4,960 6,028
1199	Albany..	1.03		30,228 51	15,114 25	7/10/14	100	3/ 5/15	0.14 1.03	14 16	22	1,020 9,852
1200	Steuben..	3.38		45,916 28	31,223 08	10/21/14	100	11/13/15	3.38	10-14	24	25,728
1201	Nassau..	0.63		8,225 56	5,346 61	10/16/14	100	12/ 3/15	0.45 0.18	16 16	30	4,416 1,744
1202	Nassau..	4.39		40,330 59	32,064 88	7/ 9/14	100	5/ 5/16	4.39	16 1/2	30	41,868
1203	Nassau..	1.56		21,523 40	13,990 21	7/ 9/14	100	12/17/15	1.56	16	28	15,430
1204	Clinton..	0.80		9,762 56	4,876 25	7/14/14	100	1/ 4/15	0.80	16	32	7,538
1205	Yates..	5.18		57,778 32	39,289 20	7/29/14	100	11/13/15	5.18	12-16	36-30	37,658
1206	Suffolk..	1.66		24,744 20	16,083 73	7/31/14	100	4/12/15	1.56	16	32	14,960
1207	West....	1.28		35,434 56	22,564 76	7/29/14	100	9/30/15	1.28	16-25	23-37	12,165
*1208	Suffolk..		9.57	145,600 96	94,640 00	7/29/14	30		9.57	16	32	89,820
1209	Onondaga..	0.27		15,148 61	3,563 89	7/17/15	100	8/30/16	0.27	33 1/2	16	2,779
1210	Yates..	6.00		78,650 90	39,816 96	10/19/14	100	1/10/16	0.47 5.53	27-38 12-14	26-36	8,798 43,681
1211	Seneca..	1.43		76,617 58	22,669 59	10/19/14	100	1/10/16	1.16 0.27	16-50 16	26-50	26,880 2,512
1211A	Seneca..	0.05		3,965 13	1,136 16	3/ 1/17	100	9/26/17	0.05	30-34	30-34	950
1212	Erie....	5.40		137,366 63	89,288 50	11/ 2/12	100	1/25/16	5.40	16-34	38-50	50,885
1213	Erie....	0.22		91,434 26	59,432 27	11/ 5/14	100	7/20/16	6.22	16	32	58,484
1214	Erie....	5.89		94,896 02	61,663 71	11/ 2/14	100	9/20/17	5.89	16, 24	32	55,384
1215	Scho....	4.16		36,510 34	29,448 27	11/ 4/14	100	10/19/16	4.16	12-16	24-26	31,399
1216	Madison..	1.86		14,618 98	10,233 28	11/ 4/14	100	12/30/15	1.86	16	28	17,427
1217	Madison..	3.18		27,109 32	18,976 52	11/ 4/14	100	8/17/16	3.18	12-16	26	22,358
1218	Madison..	1.27		13,785 15	8,960 35	12/14/14	100	1/25/16	1.27	16	30	12,307
1219	Suffolk..	4.69		44,676 32	29,039 61	12/14/14	100	1/25/16	4.69	10	21-32	44,112
1220	Albany..	6.69		70,417 84	45,771 60	12/14/14	100	12/18/16	6.69	16	26	62,828
1221	Putnam..	2.55		43,317 61	28,156 38	1/ 8/15	100	6/25/17	0.72 1.63 0.09	14 14 16	28 28 32	5,905 15,063 794
1222	Frank....	0.22		4,282 97	3,426 37	3/29/15	100	7/24/16	0.13	14-16	26-32	1,226
1223	Wash....	5.97		67,942 43	48,918 55	5/24/15	100	7/27/17	5.97	14	24	49,138
1224	Wash....	5.54		43,778 92	31,520 82	1/ 8/15	100	1/10/16	0.22 5.32	14 14-16	26 26	1,760 44,310
1225	Jeffers..	2.86		21,097 18	13,713 17	7/16/15	100	10/19/16	2.86	9	21	15,111
1226	Jeffers..	2.40		17,367 85	11,288 45	7/16/15	100	10/19/16	2.40	9	21	12,698
1227	Jeffers..	4.60				6/16/15	100	8/ 8/16	4.60	14	32	37,789
1228	Warren..		5.13	84,900 98	67,920 00	7/20/15	71		5.13	14	22-24	42,137
1229	Albany..	2.80		26,687 63	17,290 41	4/16/15	100	8/23/17	2.80 0.30	14 14	26 26	22,967 2,444
1230	Colum....	4.95		64,066 62	41,642 24	3/29/15	100	1/10/16	3.11 1.16 0.28	14 16 16, 15	28 28 28	25,565 16,376 3,513
*1231	Schuyler..								0.63	16-17	32	6,573
1232	Schuyler..	1.11		25,055 19	20,342 05	7/17/15	100	2/ 5/16	0.45	14	32	2,388
1233	Schuyler..	0.98		10,997 96	8,716 77	6/10/16	100	1/30/17	0.98	14	26	1,967
1234	Scho....	4.98		48,906 62	33,269 73	6/ 7/15	100	12/12/16	4.98 1.78	12, 30 14	22, 26 28	36,182 14,596
1235	Dutchess..	5.30		59,536 40	38,700 03	8/23/15	100	1/ 3/17	1.65 1.57	14 14	26-28 26-28	13,841 15,379
1236	Monroe..	1.87		20,624 34	13,406 82	4/20/15	100	11/ 4/15	1.82 0.06	16 16	30-40 33-38	17,171 444
1237	Monroe..	0.65		21,506 84	10,734 76	3/29/15	100	9/ 1/15	0.59	20	33-40	7,426
1238	Broome..	1.03		48,023 14	15,823 51	5/29/15	100	12/15/15	0.07 1.03	20-40 16-35	23-40 28-38	744 17,666

* See list by counties.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Tt.	4	Tt.	3	Asp. (10).....						1198
		F. Con. (9)	6							
		(10).....	6							
Tt.	3	Tr.	3	Li. Sc., HO (11)						1199
Gr. Con. (9)	3	Br. (23)	4		2.460	29,244				
Sub.	3	Li.	3	Sc., water	0.939	15,585			Oiled.	1200
		F. Con. (14)	6		0.872	12,409				1201
Grv.	6	F. Con. (14)	6		1.950	14,971				
		F. Con.	6	6-P (13, 14)	0.911	10,890				1202
		F. Con.	6	6-P (2, 10, 14)	1.030	13,383				1203
Lo. St.	4	Lo. St.	3	Asp. (7)	0.902	12,000				1204
Sub.	6	Li.	3	Sc., water	0.812	12,819			Oiled.	1205
		F. Con. (7)	6		1.125	14,290				1206
S. Con. (d) (3, 6)	5	Br. (31)	4	Sc., water	2.060	32,700				1207
(On shoulders)		Li.	4		0.377					
		F. Con. (17)	6		1.458	17,710				*1208
S. Con. (d) (2, 12)	5	Br. (18)	4		2.024	22,425				1209
		Br. (18)	4		1.648					
Grv. Con. (d) (11)	5	Br. (22)	4		2.060	34,692				1210
Sub.	3	Li.	3	Sc., water	0.578	11,437			Oiled.	
		Br. (22)	4		1.842	25,545				1211
S. Con. (d) (2)	5	Br. (22)	4		1.456	22,325				
Sub. & Li. S.	11	Li.	3	Asp. (11)	2.658	38,710				1211A
S. Con.	3	Br.	4		3.172	33,779				1212
S. Con. (i) (15)	6	Br. (9, 32)	8-10		0.992	13,230				1213
		F. Con. (18)	8-10		1.067	13,290				1214
		F. Con.	8-P	(1, 2, 3, 15)	0.598	9,919				1215
Fid.	6	Lo. St.	3	Sc., water	0.678	7,969			Oiled.	1216
Gr. Fid.	6	Li.	3	Sc., water	0.567	6,340			Oiled.	1217
Fid.	6	Li.	3	Sc., water	0.890	10,590				1218
		F. Con. (5)	6		0.983	9,333				1219
		F. Con. (5)	6		0.542	10,432			Oiled.	1220
Lo. St.	4	Lo. St.	3	Sc., water	0.920	13,600				1221
Fid. & Lo. St. 2	3	Lo. St.	3	Asp. (2)	0.895	17,760				
Lo. St.	3	Lo. St.	3	Asp. (2)	1.229	19,086				1222
Fid. & St. 2	3	App. St.	3	Asp. (7)	0.503	15,100				
App. St.	3	App. St.	3	Asp. (7)	0.167					
(On shoulders)		App. St.	3		0.774	12,425				1223
Lo. St.	4	Li.	3	Sc., water	0.339	5,595			Oiled.	1224
Del.	4	Del.	3	Sc., water	0.872	8,722				1225
Sub.	6	Set.	3	Sc., water	0.061	10,425				
Sub.	6	Grn. Grs. Gr.	3	Sc., water	0.662	10,270				1226
		F. Con. (2, 16)	6-P		0.604	17,950				1227
Lo. St.	4	Lo. St.	3	Sc., water	0.602	10,230				1228
Sub.	6	Li.	3	Sc., water	0.555	10,415			Oiled.	1229
Gr.	3	Gr.	3	Sc., water	0.547	10,240			Oiled.	1230
Sub.	6	Gr.	3	Sc., water	1.000	14,595				
		F. Con. (10)	6-P		3.149	34,765				*1231
S. Con.	5	Grn. Blk.	3		1.855	34,215				
		Br. (18)	4		1.853	24,215			Oiled.	1232
Grv. Con. (d) (11)	5	Br. (18)	4		0.617	12,595				
Grv. Con. (d) (11)	5	App. St.	3	Sc., water	0.647	11,490				1233
Grv.	5	Li.	3	Sc., water	0.605	11,970				1234
Lo. St.	4	Lo. Li.	3	Sc., water	0.534	11,040				1235
Fid.	6	Sat. Del.	3	Sc., water	0.673	12,350				
Fid. & St. 2	5	Sat. Del.	3	Sc., water	0.648	12,110				1236
App. St.	5	Sat. Del.	3	Sc., water	0.714	10,540				
Li.	3	Li.	3	Sc., water	0.971	12,950				
Li.	3	Li.	3	Sc., water						
Sc. Grv. Con.	5	Br. (22)	4		1.936	23,970				1237
(d) (10)	5	Br. (22)	4							
Sc. Grv. Con.	5	St. Blk.	6		2.756	31,720				1238
(d) (10)	5	St. Blk.	6		1.899	25,550				
Grv. Con. (d) (3)	5	Br. (3)	4							1239

APPENDIX A — COUNTY HIGHWAYS JANUARY 1.

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1239	Broomes	0.68		\$13,366 89	\$3,642 34	8/18/15	100	12/28/15	0.68	16	26-60	6,485
1240	Broomes	0.91		40,335 14	12,570 30	7/19/15	100	2/ 6/17	0.91	16-30	29-30	16,023
1241	Broomes	2.39		23,369 72	15,125 32	6/18/15	100	8/24/16	2.39	14	24	13,404
									3.88	14-16	26-30	23,958
1242	Greene	1.43				5/25/15	100	9/14/16	0.04	16	30	356
									0.52	10	26	3,062
										10	30	3,062
1243	Oswego	5.40		53,945 03	36,682 64	4/15/15	100	1/18/17	0.24	16	26	2,426
									5.16	14-17	26	42,577
1244	Oswego	5.20		53,678 00	36,501 01	4/16/15	100	9/13/16	2.30	14	26	42,822
1245	Oswego	3.69		33,122 88	22,523 56	4/15/15	100	11/24/15	3.69	14	29-30	30,020
1246	Albany	9.71		97,348 64	45,892 80	4/15/15	100	1/10/16	4.45	12-15	24-25	31,660
									2.26	14-33	24-33	23,562
1247	Livingston	3.51		47,459 82	30,848 23	5/ 7/15	100	12/3/15	3.51	16	24-32	32,003
1248	Livingston	3.99		50,793 02	32,179 87	5/14/15	100	1/30/17	3.96	16-30	26-36	37,746
1249	Livingston	2.14		19,197 13	12,476 83	5/ 7/15	100	12/20/15	2.18	16-17	25	20,380
1250	Franklin	5.59				4/21/15	100	12/14/15	5.50	12	24	38,096
									1.72	12	24	12,115
1251	Franklin	4.91		42,100 86	33,630 69	4/16/15	100	1/10/16	0.67	12	24	467
									1.74	12, 13	24	12,284
									1.37	12	24	9,672
1252	Franklin		11.41	139,100 00	110,160 00	5/12/15	48		8.94	19	24-30	52,476
									2.47	10	24	14,444
1253	Jeffers	6.03		50,652 71	32,924 26	11/16/15	100	1/30/17	6.09	9-12	24-24	33,271
1254	Cattaraugus	4.43		64,000 00	46,080 00	5/12/15	91		4.43	14-16	24-32	40,507
1255	Jeffers	14.05		166,000 00	120,900 00	6/12/16	33		14.05	14	30	116,639
1256	Jeffers	7.70		168,200 00	109,330 00	10/30/16	16		7.44	14	26	61,133
									0.32	14	28	2,648
									1.32	16	28	12,403
1257	Herk.	1.81		23,466 33	11,733 16	5/ 8/15	100	12/ 6/16	0.17	16	18	1,591
									0.32	16	16	3,031
1258	Herk.		5.01	78,800 00	63,040 00	5/13/15	53		5.01	14	21	41,176
1259	Albany	3.09		40,972 39	32,777 91	5/ 7/15	100	2/ 7/17	3.99	12	24	28,117
1260	Albany	8.68		108,372 47	66,707 29	5/11/15	100	2/ 6/17	7.72	12	24	54,278
									0.96	20-47	35-56	13,965
1261	St. Law.	5.60		75,900 94	47,109 64	6/12/15	100	12/23/17	0.52	24	24	7,695
									5.14	14	26	42,170
1262	St. Law.	5.07		49,103 19	35,353 76	5/22/15	100	1/12/16	5.07	14-16	26-30	43,556
1263	St. Law.	10.85		127,600 93	91,559 17	5/ 7/15	100	10/30/16	1.39	16	32	13,073
									9.46	12	24	66,569
1264	St. Law.	9.01		96,115 07	60,202 85	5/11/15	100	10/16/17	9.03	12	20-34	63,587
1265	St. Law.	5.48		50,886 22	36,638 08	7/23/15	100	11/ 8/16	4.50	14	26	36,963
									0.98	14	26	8,017
1266	St. Law.	3.00		35,641 36	25,589 78	5/27/15	100	11/ 9/16	3.00	12	26	21,741
									4.23	10-16	25-32	20,352
1267	Wyom.		6.90	81,000 00	55,080 00	7/23/15	31		2.70	10-16	25-32	19,223
										2		6,694
1268	Cassano	4.40		47,126 95	30,632 52	5/24/15	100	12/18/16	4.40	14-16	24-32	37,210
									0.73	18	32	6,868
1269	Cattaraugus	5.02		83,436 84	60,674 52	6/ 3/15	100	12/18/16	4.62	14	20	33,152
									0.27	14	26	2,193
1270	Dela.	7.69		78,989 08	68,745 47	5/24/15	100	10/19/16	7.69	12-27	22-30	55,892
1271	Dela.	11.40		151,114 46	130,216 44	5/25/15	100	1/ 7/16	11.40	14-16	22-28	94,097
1272	Dela.		5.84	61,620 00	69,230 00	5/24/15	7		3.15	14	22	42,311
									0.89	14	20-25	5,678
1273	Dela.	2.50		25,916 00	22,311 27	6/18/15	100	1/27/16	2.50	12-16	24-26	20,259
1274	Suffolk		10.50	152,100 01	98,865 08	6/12/15	94		10.50	16	28-34	98,840
									2.00	14, 18	28, 32	17,766
									0.69	20	32	7,692
1275	Cattaraugus	3.93		75,782 21	31,146 83	5/24/15	100	7/19/17	1.05	14	26-32	8,654
									0.21	20-50	32-50	4,751
1276	Ontario	1.21		26,193 75	10,982 10	6/ 2/15	100	6/13/16	0.97	16	30	9,065
									0.29	16-46	30-46	5,810
1277	Ontario	1.50		68,159 54	18,696 46	5/24/15	100	12/15/15	1.52	130-73	130-73	30,866
1278	Ontario		8.63	72,900 00	47,385 00	5/25/15	79		8.63	10-12	32-33	53,337

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
8 Con (1, 12)	5	F. Con. (a) (8)	6 1/2	P	1.033	19,270			1239	
Fld	6	Br. (22)	4		1.802	31,320			1240	
Lo. St	4	Lo. St	3	Sc. water	0.550	10,355			1241	
Sub 6, Lo. St. 2	8	Lo. St	3	Asp. (11)					1242	
Lo. St.	3	Lo. St	3	Asp. (11)					1242	
(Shoulders)		Lo. St	3	Sc. water					1243	
Li	5	Li	3	Sc. water	0.860	12,290			1243	
Fld	7	Li	3	Sc. water	0.976	10,565			1244	
Grv. & Grv. 3.	9	Li	3	Sc. water	0.805	11,310			1245	
Sub	7	Set.	4	Asp. (7)	0.733	9,870			1245	
Sub	6	St	4	Asp. (11)	0.910	12,419			1246	
8 Con. (d) (5)	5	Br. (22)	4		1.830	20,954			1246	
Grv	5	Li	3	Sc. water	0.782	13,274			1247	
Grv	5	Li	3	Sc. water	0.766	1,810			1248	
Lo. St.	5	Li	3	Sc. water	0.635	8,730			1249	
Sub	6	App. St.	3	Asp. (11)				Oiled	1250	
Ga.	1	Ga.	1	Asp. (7)	0.714	9,925			1251	
Old Mac., Ga. 1	1	Ga.	1	Asp. (7)	0.589				1251	
Sub	6	Ga.	1	Asp. (7)	0.738	10,340			1252	
Sub 6, Ga. 2	4	Ga.	1	Asp. (7)	0.914	11,805			1253	
8y.	4	Ga.	1	Asp. ()	0.809	14,930			1253	
Sub. 12, 8y. 4.	16	Ga.	1	Asp. ()	1.476	21,190			1253	
Sub.	6	Li.	3	Asp. (11)	0.790	11,510			1253	
Sub. 6, St. 2.	8	F. Con. (16)	3	Asp.	1.105	18,830			1254	
Sub.	9	Li.	3	Asp.	1.006	13,920			1255	
Sub.	6	Li.	3	Asp.	0.925	13,726			1256	
Dol.	3	Li.	3	Sc. water	1.225	16,044			1256	
8 Con. (9)	5	St. Blk.	3		0.525	9,000			1257	
8 Con. (9)	5		3		2.844	41,050			1257	
Sub.	9	App. St.	3	Sc. water	0.094	11,490			1258	
Fld.	5	St.	3	Asp. (11)	0.811	17,010			1258	
Sub.	5	App. St.	3	Asp. (7)	0.846	12,010			1259	
8 Con. (d) (5)	5	Br. (22)	4		0.746	12,020			1260	
8 Con. (d) (9)	6	Br. (23)	4		1.894	22,800			1260	
Sub.	6	App. St.	3	Asp. (7)	2.429	26,250			1261	
Li.	3	Li.	3	Asp. (10)	0.834	11,290			1261	
Sub.	9	PCCon(a)(9)	6 1/2	P	0.739	10,040			1262	
Sub.	6	Lo. St.	3	Sc. water	1.133	15,565			1263	
Sub.	6	App. St.	3	Asp. (7)	0.840	13,170			1263	
Sub.	6	Dol.	3	Asp. (10)	0.875	12,890			1264	
Dol.	3	Dol.	3	Asp. (10)	0.759	10,185			1265	
Sub.	6	Ga.	3	Asp. (11)	0.791	13,365			1266	
Slag	5	Slag	3	Sc. water	0.766	13,420			1267	
Grv	5	Slag	3	Sc. water	0.843	12,270			1267	
(Shoulders)		Slag	3	Sc. water	0.365				1267	
Slag	4	Li.	3	Sc. water	0.698	11,385			1268	
		F. Con. (16)	8	P	1.050	15,320			1268	
		F. Con. (16)	7	P	1.050	15,320			1269	
Si.	5	App. St.	3	Sc. water	0.667	11,720			1270	
Sub.	6	Set.	3	Asp. (10)	0.890	12,010			1270	
Sub.	6	Lo. St	3	Asp. (11)	0.727	14,800			1271	
Sub.	6	App. St.	3	Asp. (10)	0.841	17,450			1272	
Sub.	8	App. St.	3	Asp. (10)	0.936	18,350			1273	
Sub.	6	Set.	3	Asp. (11)	0.740	11,490			1273	
		F. Con. (3)	6	P	1.163	14,350			1274	
		F. Con.	7	P	1.000	16,990			1274	
		F. Con.	7 1/2	P	1.000	16,990			1275	
Si.	5	Li.	3	Sc. water	0.702	14,350			1275	
8 Con.	5	Br.	4		1.849	24,930			1276	
Grv	5	Li.	3	Asp. (10)	0.703	12,590			1276	
8 Con. (d) (14)	5	Br. (19)	4		1.871	23,550			1277	
8e. Grv. Con.	6	Br. (10)	4		1.740	23,770			1277	
(d) (3)	6	Br. (10)	4		0.637	10,210			1278	
Grv	6	Li.	3	Sc. water					1278	

APPENDIX A — COUNTY HIGHWAYS, JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1279	Albany...	3.40		\$34,507 20	\$22,586 98	6/11/15	100	12/18/16	2.84 0.24 0.32	14-16 16 16-22	26 26 26	23,386 2,187 3,578
1280	Albany...	5.76				6/11/15	100	9/14/18	5.76	14-16	26	47,726
1281	Monroe...	8.39		79,296 22	51,542 54	6/ 9/15	100	12/26/16	8.39	10	32	40,221
1282	Monroe...	1.51		19,697 31	12,803 25	6/ 8/15	100	12/ 8/15	1.51	16	32	14,279
1283	Monroe...	4.55		37,484 71	24,385 06	6/25/15	100	11/29/16	4.55	12-16	32	32,773
1284	Monroe...	6.05		42,091 88	27,359 71	6/17/15	100	12/30/16	6.05	10	32	35,467
1285	Essex...	3.31		35,087 99	28,772 15	6/10/15	100	12/ 6/16	3.31	14	26	27,108
1286	Essex...	0.52		5,509 71	4,517 96	6/12/15	100	1/10/16	0.52	10-16	26	4,383
1287	Oswego...	7.75		73,447 25	49,943 04	6/ 9/15	100	1/ 9/17	7.75	14-16	26-32	64,288
1288	Oswego...	5.11		44,672 20	30,377 10	6/ 9/15	100	11/23/16	5.11	14	26	41,973
1289	Erie...	0.34		17,240 40	4,741 46	7/17/15	100	8/ 2/16	0.34	30-46	30-46	6,284
1290	Monroe...	1.53		17,126 63	11,132 31	7/16/15	100	1/19/16	1.53	12	32	10,394
1291	Suffolk...	3.26		48,121 25	31,278 02	7/16/15	100	8/22/17	3.26	16	24	30,655
1292	Steuben...	3.42		35,014 69	23,809 99	7/13/15	100	12/28/15	3.42	14	26	28,036
1293	Orleans...	1.80		13,440 00	11,986 00	6/18/15	100	2/ 9/16	1.80	16	32	16,880
1294	Ontario...	1.38		14,411 56	9,367 51	7/16/15	100	12/ 3/16	1.38	16	32	12,983
1295	Rock...	2.96		45,384 93	29,499 65	7/16/15	100	1/30/17	0.36 0.90	10-20 16	32 32-24	3,482 8,487
1296	Chautau...	0.77		13,693 64	8,900 87	7/20/15	100	10/26/16	1.70 0.77	16	32-24	15,941
1297	Chautau...	3.54		79,186 47	51,470 56	7/17/15	100	2/ 6/17	0.81 0.69	16	32	7,223
1298	Chautau...	0.91		22,641 80	14,717 17	7/20/15	100	7/31/17	2.04 0.91	16	26	7,644
1299	Lewis...	2.00		20,470 23	17,189 53	7/16/15	100	12/28/15	0.67 1.33	9-14 9-14	26	11,089
1300	Lewis...	8.82		101,200 00	83,684 00	7/22/15	20		8.03 0.79 0.59	9-14 9-14 10-36	26 26 32-36	8,686 4,272 8,263 63,579 4,847 8,430
1301	Lewis...	1.27		33,427 08	17,235 43	7/16/15	100	2/14/16	0.65	16	32	6,481
1302	Otsego...	12.66		165,600 00	124,032 00	7/12/15	35		12.06	14	24	104,018
1303	Otsego...	2.52		21,954 83	16,643 87	7/16/15	100	1/12/16	2.52	14	26	20,757
1304	Erie...	1.17		27,917 46		8/31/15	100	9/26/17	1.17	16	32-28	10,948
1305	Cattaraugus...	5.45		82,590 37	41,295 19	8/30/15	100	10/10/17	5.45	22, 16	32-32	55,082
1306	West...	5.72		86,700 00	55,445 00	8/31/15	77		5.59 0.13	14	24-28	45,920
1307	West...	1.89				8/31/15	100	8/27/18	0.71 1.15	14	26-28	1,089 5,528
1308	West...			8,251 10	6,251 10	8/31/15				14	26-28	9,728
1308A	West...	2.14		24,538 34	15,061 39	9/25/16	100	3/ 3/18	0.81 1.33	16	27-29	7,657
1309	West...	6.63				9/ 2/15	100	8/13/18	5.79 0.84	16	27-29	12,486
1310	Chem...	4.02		52,102 47	33,837 36	8/25/15	100	8/28/17	4.02	16	26-28	54,384
1311	Chem...	6.87				8/30/15	100	8/27/18	6.87	16	26-28	7,080
1312	Dutchess...	6.81		87,850 00	55,965 00	9/ 2/15	65		6.81 4.17	14-16	24-28	28,273
1313	Dutchess...	6.86		84,500 00	54,925 00	8/25/15	65		6.81 2.52	14-16	24-28	56,580
1314	Dutchess...	5.36		54,110 93	35,177 95	8/25/15	100	10/10/17	0.23 5.36	14	26	61,200
1315	Niagara...	8.00		123,080 00	76,700 00	9/ 2/15	41		0.85 7.04	14	26	34,222
1316	Niagara...									16	26	21,672
1317	Cayuga...	8.00		185,950 00	82,225 00	11/18/15	93		0.74 6.17 1.09	16-30	30-32	1,687
1318	Livingston...	0.24				8/31/15	100	10/11/16	0.11 0.13	16-42	26-42	9,371
1319	Monroe...	1.65		45,158 24	26,372 17	8/31/15	100	10/11/16	0.09 1.09	16	32	50,820
1320	Schuyler...	2.75		27,061 61	22,129 29	8/31/15	100	1/18/17	0.11 0.88	16-42	26-42	14,674
1321	Livingston...	8.34		120,780 00	80,925 00	8/30/15			0.13 2.75	16	32	1,087
1322	Allegany...	7.29				8/27/15	100	9/30/18	0.13 8.34	16-18	32	1,138
1323									7.29	12-24	26-32	10,789
										14	34	8,828
										16-16	34-32	28,681
										12	33	78,090
												51,680

* See list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1916—(Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 19-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Sub. 6, Lo. 2	8	Lo. St.	3	Sc. water	0.606	13,895				1770
Sub. 6, Lo. 2	8	Lo. St.	3	Asp. (11)	0.846	15,295				
Old, Mac.	8	Lo. St.	3	Asp. (11)	0.658	10,180				
Sub. 6, Lo. St. 2	8	Lo. St.	3	Sc. water	HO (10)					1780
Lo. St.	5	App. St.	3	Sc. water	Ca. Cl.	0.805	11,920			1281
Slag	5	Li.	3	Sc. water	Ca. Cl.	0.837	12,660			1282
Lo. St.	5	Li.	3	Sc. water	Ca. Cl.	0.639	9,385			1283
Lo. St.	4	Grn. Li. Sat.	3	Sc. water	Ca. Cl.	0.508	8,460			1284
Lo. St.	4	Lo. St.	3	Asp. (11)	0.670	11,380				1285
App. St.	4	App. St.	3	Asp. (10)	0.790	10,595				1286
Fld.	7	Lo. St.	3	Asp. (11)	0.723	10,205				1287
Fld.	3	Fld.	3	Asp. (10)	0.709	9,565				1288
Grv. Con. (d,h)	5	Br. (1)	4		1.834	26,155				1289
(23)	5	Li.	3	Sc. water	Ca. Cl.	0.750	10,777			1290
Grv.	5	F. Con. (1)	0-P		0.958	14,670				1291
Fld.	5	Sl.	3	Sc. water		0.625	10,970			1292
Fld.	5	Li.	3	Sc. water	Ca. Cl.	0.652	10,032			1293
Li.	5	Li.	3	Asp. (10)	0.737	10,210				1294
Old Mac.	4	Tr.	3	Sc. water	T. (17)	0.406	11,355			1295
Tr.	4	Tr.	3	T. (17)	0.706	14,175				
Sub. 8, Tr. 2	10	Tr.	3	T. (17)	0.899	15,985				
		F. Con. (15)	8-P		1.000	15,830				1296
		F. Con. (7,16)	7-P		0.955	18,015				1297
S. Con. (e) (7, 16)	7-P	Br. (9)			1.910	26,980				
S. Con. (e) (7, 16)	6	Br. (9)			1.910	26,980				
S. Con. (d,e) (15)	7-P	Br. (15)	4		1.908	23,185				1298
Fld.	6	Li.	3	Asp. (10)	0.807	12,170				1299
Li.	3	Li.	3	Asp. (10)	0.786	11,975				1300
Fld.	6	Fld.	3	Asp. (10)	0.947	14,171				
Fld.	9	Fld.	3	Asp. (10)	1.170	15,863				
S. Con. (d) (10, 13, 19)	5	Bitu.	2		2.200	26,300				1301
		F. Con. (a)	6	(10, 13, 19)	1.110	15,980				1302
Lo. St.	6	Li.	3	Sc. water	1.000	15,077				
Li.	4	Li.	3	Sc. water	0.760	9,599				
S. Con. (e) (3)	6	Br. (15)	4		1.787	22,430				1304
		F. Con. (20)	Var.		1.000	14,080				1305
Gn.	4	Gn.	3	Asp.	0.894	17,340				1306
Lo. St.	5	Gn.	3	Sc. water	CO. ()	0.547	14,460			1307
Old Tel.	5	App. St.	3	T.						
App. St.	5	App. St.	3							
Lo. Gn.	5	Lo. Gn.	3	Asp. (10)	0.897	15,450				1308
Sub. 8', Gn. 2"	16	Lo. Gn.	3	Asp. (13)	0.998	16,400				
Gn.	5	Gn.	3	Asp.						
Sub. 8', Gn. 2"	10	Gn.	3	Asp.						1309
Sub.	5	App. St.	3	Sc. water	0.660	14,775				1310
Fld.	6	Li.	3	Sc. water						1311
Fld.	6	Lo.	3	Asp. ()	0.815	13,925				1312
Fld.	8	Li.	3	Sc. water	0.692	12,720				1313
Li.	5	Li.	3	Sc. water	0.770	13,460				
Fld. 8', Li. 2"	10	Li.	3	Sc. water	0.853	14,520				
Sub.	8	Li.	3	Sc. water	0.547	10,740				1314
		F. Con. (19)	7		1.342	15,440				1315
		F. Con. (19)	6		1.150	13,640				1316
S. Con. (30)	5	Bitu.	2		2.336	27,965				1317
Li.	5	Li.	3	Asp. (10)	1.186	17,170				
S. Con. (20)	5	Br. (3)	4		2.236	26,130				
Sub.	7	Am.	23		1.190	16,800				1318
App. St.	6	Am.	23		1.183	16,730				1319
S. Con. (5) (5)	5	Am.	23		1.437	19,120				1320
S. Con. (5) (5)	5	Br. (19)	4		1.937	23,810				1321
Fld.	6	Set.	3	Sc. water	CO. (2)	0.740	11,060			1322
Lo. St.	5	Li.	3	Sc. water	Ca. Cl. T.	1.034	17,216			1323
Fld.	5	Slag	3	Asp.						1324

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1323	West....	4.63		\$56,340 69	\$36,621 45	8/28/15	100	12/12/17	3.51	14	26-28	29,539
1324	West....	3.02		33,728 69	21,923 65	8/31/15	100	2/24/17	0.55	14	26-28	4,997
1325	West....	3.81		30,355 27	19,730 83	8/31/15	100	2/15/17	0.53	14	26-28	4,549
1326	Madison..	0.19		2,780 04	1,904 03	11/ 5/15	100	8/21/16	0.45	14	26-28	21,818
1327	Cayuga....	6.06		68,600 00	44,590 00	10/30/15	41		2.81	14	24-26	25,879
1328	Monroe..	0.73		14,796 07	9,617 45	11/18/15	100	6/13/16	0.19	16	26-32	1,733
1329	Orange....	3.70		65,438 43	34,416 15	6/ 9/16	100	3/20/18	0.85	14	26	6,906
1330	Tomp....	3.46		31,319 71	20,671 01	10/30/15	100	12/12/17	6.21	14	25	42,900
1331	Colum....	4.37		49,708 41	32,307 22	10/30/15	100	1/ 3/17	0.73	16	32	6,938
1332	Colum....	7.77		82,750 00	52,196 00	10/30/15	23		3.53	Var.	26-40	35,540
1333	Erie....	9.14		170,000 00	110,500 00	12/ 3/15	24		0.17	44	44	8,399
†1334A	Erie....	3.18		49,500 00	32,175 00	8/26/16	96		2.46	14	24	20,219
†1334B	Erie*	0.51				8/24/16			2.01	14	25	16,524
1335	Erie....	4.53		67,645 91	43,969 84	12/ 3/15	100	11/16/17	0.33	14	26	2,708
1336	Erie....	5.19		71,000 00	46,150 00	10/25/15	34		1.93	14	26	15,883
1337	Monroe..	2.89		40,087 03	26,056 57	11/ 4/15	100	1/ 9/17	6.54	14-16	26-28	47,705
1338	Schenec..	4.22		38,961 06	25,323 91	11/20/15	100	11/29/16	1.23	14	26	10,067
1339	Genesee..	0.41		15,772 28	9,217 55	11/11/15	100	8/21/16	9.14	14	26-32	75,018
*1340	West....			5,378 25	3,622 40	11/24/16	100	2/13/18	1.85	16	26-32	17,377
1341	West....	0.35				11/24/16			1.33	16	26-32	12,530
1342	Nassau....	5.24		99,200 00	64,480 00	7/17/16	20		1.12	16-44	32-44	28,180
1343	Nassau....	3.09		40,400 00	26,260 00	7/27/16	2		4.29	14	28-36	35,306
1344	Nassau....	3.38		50,400 00	32,780 00	8/23/16	22		0.23	16-30	28-36	2,622
1345	Saratoga..	5.74		73,300 00	47,645 00	4/26/16	81		0.99	14	32	8,090
1346	Herk....	5.10		76,700 00	52,156 00	7/13/16			4.20	14	28-38	33,470
1347	Scho....	4.41		46,773 82	37,419 06	6/19/16	100	8/28/17	0.75	16	32	7,088
1348	Greene....	3.98		49,600 00	36,704 00	6/ 9/16	22		1.69	12-16	22	14,724
1349	Wyom....	4.73		57,000 00	38,780 00	6/ 6/16	70		0.45	16	32	4,199
1350	Living..	3.42		45,117 28	22,558 63	6/ 9/16	100	12/ 5/17	0.35	16	36	3,257
1351	Living..	2.03		39,000 00	25,350 00	10/28/16	89		3.87	16	30	36,445
1352	Yates....	9.63		108,000 00	73,440 00	6/10/16	56		0.27	16	26	2,490
1353	Onond....	3.13		44,673 35	29,037 68	4/25/16	100	4/10/17	0.14	16	26	1,345
1354	Onon....	5.55		75,800 00	57,565 00	7/17/16	8		0.35	16	26	3,323
*1355	Oswego....								4.71	16	24-26	44,190
*1356	Oswego....								0.53	16	27-28	4,978
1357	Oswego....	4.87		81,300 00	52,845 00	6/ 8/16	100	6/11/18	3.09	16	28	29,020
1358	Oswego....	8.26				6/ 8/16	68		3.38	16	28	31,744
*1359	Onon....								5.56	16	26-28	52,211
1360	Madison..	6.54		73,500 00	51,450 00	7/11/16	26		0.18	16	26-28	1,673
1361	Madison..	5.65		67,300 00	47,110 00	7/14/16	23		5.10	16	24	47,899
*1362	Herk....								4.41	12-16	24-28	32,895
*1363	Herk....								3.98	14	24-26	32,769
1364	Greene....	6.02							4.73	14	26	38,822
1365	Greene....	2.39		31,400 00	23,236 66	7/11/16	100	11/30/17	3.42	14-16	28-32	29,818
1366	Alleg....	6.88		78,538 97	54,502 90	6/10/16	100	1/29/18	1.72	14	28-32	14,116
									0.33	14	28-32	2,717
									1.63	12-16	24-30	60,957
									0.04	22-24	24	496
									2.09	16,22	24-44	26,153
									5.55	14	26	45,577
									4.87	16	26	45,744
									8.26	16	26	77,539
									6.54	12	24-26	46,332
									4.11	14	26	33,769
									1.54	14	26	12,672
									1.38	14	26	11,355
									4.64	14	26	38,049
									2.65	14	26	14,800
									0.34	14	26	2,800
									5.18	12	24	33,443
									1.70	12-40	24-43	18,245

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERMIT PAYMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 10'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Ga	5	Ga	3	Asp. (10)	0.820	12,890				
Flt. & Ga. 2	10	Ga	3	Asp. (10)	0.883	13,430				1323
Flt.	8	Ga	3	Asp. (10)	0.724	11,990				
La. St.	4	Lo. St.	3	T. (17)	0.699	11,670				1324
Sub.F. & Lo.St. 2	10	Lo. St.	3	T. (17)	0.852	13,110				
Flt.	8	Lo. St.	3	Asp. (10)	0.702	11,570				1325
Sub.	6	Li.	3	Asp. (11)	1.029	14,750				1326
Gr. F. Li. F.	11	Li.	2	Asp.	1.140	14,041				1327
Li.	8	Li.	2	Asp.	0.919	11,967				
Con. (d)(2)	5	MM-2	2	Asp. (10)	1.481	19,245				1328
Con.	6	F.Con.(11)	Var.		0.875	14,510				1329
Con.	6	Br. (22)	4		1.792	23,120				
Li.	4	Li.	3	Se. water	0.658	13,690				1330
Li.	15	St. Li.	3	T. (17)	0.960	13,440				
Li.	14	St. Li.	3	T. (17)	0.874	12,630				1331
Li.	3	St. Li.	3	T. (17)	0.788	11,830				
Lo. St.	3	Lo. St.	3	LC. T. (17)	0.806	12,050				1332
Lo. St.	3	Lo. St.	3	LC. T. (17)	0.798	11,970				
App. St.	5	App. St.	3	Se. water	0.036	11,470				1333
App. St.	5	App. St.	3	Se. water	0.885	12,990				1334A
F. Con.	8-P	F. Con.	8-P	T. ()	1.507	17,700				
F. Con.	5	Slag	4	T. (11)	1.036	14,940				1334B
Con. (d)(20)	6	Br. (9)	4		2.010	23,085				1335
Gr. F. Slag 5"	11	Slag	3	Se. water	1.390	18,365				1336
Con. (d) (20)	5	Slag	3	Se. water	0.913	13,837				
Li.	5	Li.	2	Asp.(10)MM-2	1.587	20,120				
Li.	5	Li.	3	Se. water	0.757	12,330				1337
Li.	4	Li.	3	Se. water	0.469	9,690				
Lo. St.	4	Lo. St.	3	Se. water	0.573	8,410				1338
Lo. St.	3	Lo. St.	3	Se. water	0.651	9,140				
Gr. ()	5	Li.	3	Se. water	0.714	38,490				1339
Li.	5	Li.	3	Se. water	0.714	38,490				
Tr.	4	Tr.	3	Asp. (10)	1.104	14,570				*1340
F. Con. (1)	6	F. Con. (1)	6		0.962	19,211				1341
Tr.	4	Tr.	3	Asp. ()	0.882	18,178				1342
F. Con.	6-P	F. Con.	6-P		0.956	13,015				1343
F. Con.	6-P	F. Con.	6-P		1.059	14,590				1344
Lo. St.	4	Lo. St.	3	Asp. (10)	0.797	12,610				1345
Lo. St.	3	Lo. St.	3	Asp. (10)	0.988	14,400				
App. St.	6	App. St.	3	Se. water	0.731	15,371				1346
St.	6	St.	2	Asp. (10)	0.627	11,955				1347
Li.	6	Li.	3	Se. water	0.584	12,840				1348
Imp. Li.	5	Imp. Li.	3	Se. water	0.835	13,034				1349
Li.	5	Li.	3	Se. water	0.710	13,350				1350
F. Con.	6-P	F. Con.	6-P		1.347	18,733				1351
Li.	5	Li.	3	Se. water	0.942	14,931				
Lo. St.	6	Lo. St.	3	Se. water	0.683	12,828				1352
Con. (1, 2, 19)	7-P	Br. (10)	4		2.333	27,535				1353
F. Con.	7-P	F. Con.	7-P	(1, 2, 19)	0.930	14,415				
F. Con. (6)	7-P	F. Con. (6)	7-P		1.057	14,877				1354
App. St.	6	App. St.	3	Se. water						*1355
Flt.	6	Flt.	3	Se. water	0.650	9,840				1356
Li.	6	Li.	3	Se. water	0.752	12,970				1357
Li.	6	Li.	3	Se. water	0.915	12,577				*1358
Li.	9	Li.	3	Se. water	1.015	13,515				1360
App. St.	4	App. St.	3	T. ()						*1362
App. St.	6	App. St.	3	T. ()						*1363
Lo. St.	4	Lo. St.	3	Asp. (10)	0.713	14,235				1365
Lo. St.	6	Lo. St.	3	Se. water	0.496	12,205				
App. At.	6	App. At.	3	Se. water	0.725	11,015				1366
App. St.	5	App. St.	3	Asp. (2, 10)	1.036	13,935				

APPENDIX A — COUNTY HIGHWAYS JANUARY 1

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1367	Monroe	1.71		\$21,598 29	\$14,031 09	6/7/16	100	1/9/17	1.71	16	32	16,044
1368	Cort	2.07		25,659 92	17,944 44	6/13/16	100	1/3/18	2.07	10	24	12,163
1369	Cort	2.00		24,246 24	16,971 14	6/9/16	100	3/26/18	2.00	10	24	11,716
1370	West											
1371	Albany	0.88		29,088 82	18,907 80	7/12/16	100	10/10/17	0.88	16	28	8,398
1372	Albany	3.23		37,096 26	36,957 15	7/14/16	100	12/18/17	3.23	14	26	27,744
1372A	Albany	0.12		3,233 02	1,451 40	9/25/17	100	1/11/18	0.12	14	24-26	1,097
1373	Ulster		2.73	46,500 00	23,504 67	7/18/16	59		2.73	16-32	26-32	29,714
1374	Madison	0.91		12,348 98	6,174 48	7/22/16	100	7/19/17	0.91	16	28	8,565
1375	Fulton	1.10				7/14/16	100	12/19/18	1.10	16	28	10,386
1376	Fulton											
1377	Fulton	3.74				10/28/16	100	11/23/18	3.74	14	26	30,798
1378	Chem	4.14				7/11/16	100	9/10/18	1.19	30-38	30-38	25,600
1379	Chatau		0.74	40,000 00	9,650 00	8/32/16	48		1.46	16	36	13,668
1380	Chatau		5.65	184,100 00	87,165 00	7/17/16			1.49	14	34	12,112
1381	Chatau		3.90	56,100 00	38,465 00	10/31/16	21		0.74	30	30	13,107
1382	Ontario								8.11	16-30	30-32	39,357
1383	Franklin								2.54	10-16	20-30	10,863
1384	Franklin								8.00	10	24-33	22,091
1385	Franklin											
1386	Franklin											
1387	St. Law	0.43		5,559 63	4,002 93	7/14/16	100	9/26/17	0.43	16-26	32-34	4,125
1388	St. Law	11.16		68,000 00	48,960 00	7/18/16	53		4.23	12-14	26-28	30,783
1389	St. Law		4.60	79,000 00	56,830 00	2/27/17			5.93	12-14	26-28	56,701
1390	Monroe		2.92	44,200 00	28,750 00	7/12/16	44		4.60	10-14	24-28	27,874
1391	Monroe		7.93	78,409 00	50,900 00	7/14/16	5		0.38	16	26	8,556
1392	Monroe								2.54	16	26-28	24,109
1393	Monroe		5.27	73,000 80	47,450 00	7/17/16	4		8.67	10	30-32	31,619
1394	Chem		7.09	191,460 00	50,700 00	7/14/16	34		4.26	10	Av. 36	24,963
1395	Chem	2.00		34,670 41	17,300 20	7/17/16	100	12/14/17	4.04	12-16	26-28	28,627
1396	Nassau		2.99	121,000 00	66,755 00	2/24/17	69		0.37	16	28	3,467
1397	Jeff								0.96	16	32	8,124
1398	Clinton	10.46		124,630 00	104,664 00	7/11/16	100		4.28	14, 16	26-32	25,236
1399	Seneca	0.24		3,815 53	2,480 09	8/21/16	100	1/18/17	2.51	14, 16	26-32	22,844
1400	Seneca	4.89		87,290 00	43,630 00	8/21/16			2.90	14	26	22,886
1401	Seneca	2.12		25,600 00	16,640 00	9/25/16			2.99	16-20	32-50	32,361
1402	Genesee	4.96				7/24/16			10.46	14	26	85,888
1403	Genesee	7.94		106,700 00	61,675 00	7/21/16	38		0.24	16-24	30	2,314
1404	Albany	5.62		74,801 19	48,569 42	7/14/16	100	1/3/18	4.89	12-14	24-28	28,977
1405	Albany	2.93				7/18/16	100	10/8/18	2.12	14	26	17,451
1406	Wayne	3.67		89,880 87	25,620 36	7/13/16	100	10/23/17	7.60	16	32	71,444
1407	Wayne		3.67	87,200 00	24,180 00	7/15/16	22		7.94	12, 14	24, 32	62,541
1408	Otsego		8.12	191,100 00	76,836 00	8/19/16	8		5.62	12, 14	24, 32	46,770
1409	Otsego		7.87	140,200 00	92,264 00	7/17/16	70		2.03	14	26	24,048
1410	Essex	1.76		23,262 89	18,083 12	7/20/16	100	1/30/17	3.67	14	26	30,328
1411	Essex								2.28	12	24	16,244
1412	Dutchess	0.57		9,339 59	6,083 73	7/14/16	100	2/13/17	1.00	12	24	11,933
1413	Daweg	2.04		28,584 78	19,437 65	7/18/16	100	11/8/17	8.13	14	24	66,777
1414	Cayuga	5.45		82,200 00	53,430 00	8/21/16			0.62	14	26, 28	5,109
1415	Ontario	3.05		44,300 00	28,795 00	8/16/16	92		0.72	14	26	22,886
1416	Seneca	2.63		30,737 80	19,079 87	8/21/16	100	9/28/17	1.76	14-18	18-43	15,431
1417	Ulster	3.11		45,767 62	28,448 82	11/11/16	100	2/9/18	1.16	14, 18	26	15,485

* See list by counties.

† Changed from original plans.

1898 to DECEMBER 31, 1912 — (Continued)

MATERIALS USED IN CONSTRUCTION						UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP			Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness	Binder							
St.	5 Li.	3	Se.	water	Ca.Cl.	0.888	11,500			1367	
Lo. St.	4 Li.	3	Se.	water		0.715	14,650			1368	
Li.	4 Li.	3	Se.	water		0.763	16,040			1369	
S. Con. (9).	6 Br. (10)	4				2.434	29,061			1370	
Se. Grv.	6 Imp. St.	3	Se.	water	CT. (17)	0.884	17,370			1371	
Li.	4 Li.	3	Se.	water	T. (17)	1.474	20,220			1372	
	F. Con. (3)	6-P				1.083	14,649			1373	
Fil.	9 Li.	3	Se.	water	T. (17)	1.127	13,450			1374	
Sub.	6 App. St.	3	Asp. ()							1375	
Sub.	6 Fid.	3	Se.	water	T.					1376	
S. Con.	5 Br.	4								1377	
Sub.	5 Li.	3	Asp.							1378	
Sub.	5 Li.	3	Se.	water	Ca.Cl.					1379	
S. Con.	5 Br.	4				2.370	20,003			1380	
S. Con.	6 Br.	4				2.158	26,854			1381	
	F. Con.	6-P				1.268	18,500			1382	
	F. Con.	6-P				1.647	19,910			1383	
										1384	
										1385	
										1386	
Gn.	3 Gn.	3	Asp. (10)			0.948	12,460			1387	
Sub.	6 Lo. St.	3	Asp.			0.944	12,700			1388	
Lo. St.	3 Lo. St.	3	Asp.			0.850	11,820			1389	
	F. Con.	6-P				1.408	20,570			1390	
Sub. & App. St.	9 Li.	3	Se.	water	Ca.Cl.	1.028	15,920			1391	
App. St.	5 Li.	3	Se.	water	Ca.Cl.	0.901	14,730			1392	
Lo. St.	5 Li.	3	Se.	water	T.	0.827	11,246			1393	
Lo. St.	3 Grn.	3	Se.	water	T.	0.827	11,246			1394	
Se. Grv. (16).	5 Li.	3	Se.	water	Ca.Cl.	0.778	11,657			1395	
	F. Con (16)	3	Se.	water	Ca.Cl.	0.417	8,568			1396	
Sub.	6 Li.	3	Se.	water	T.	1.361	17,430			1397	
App. St.	4 Li.	3	Se.	water	T.	0.877	14,030			1398	
Sub.	6 Li.	3	Se.	water	T.	1.161	16,700			1399	
S. Con.	5 Asp. Blk.	2				0.700	12,750			1400	
						2.378	33,565			1401	
App. St.	4 App. St.	3	Asp.			0.791	12,884			1402	
Li.	5 Li.	3	Asp. (2)			1.012	15,295			1403	
Imp. Li.	5 Imp. Li.	3	Se.	water	Ca.Cl.	1.200	14,990			1404	
Li.	5 App. St.	3	Se.	water	T.	0.890	12,980			1405	
Li.	5 Li.	3	Se.	water	T.	1.016	14,120			1406	
Fid. & Lo. St. 2.	3 Lo. St.	3	Se.	water	T. (17) Ca.Cl.	0.744	14,140			1407	
Sub. & Li. 2.	8 Li.	3	Se.	water	Ca.Cl.	0.821	11,685			1408	
Lo. St.	4 Lo. St.	3	Asp. (10)			0.821	11,685			1409	
Grv.	6 Li.	3	Se.	water	Ca.Cl.	0.742	10,912			1410	
Lo. St.	4 Li.	3	Se.	water	Ca.Cl.	0.820	11,644			1411	
Lo. St.	4 Li.	3	Se.	water	CO.	0.807	13,485			1412	
App. St.	4 Li.	3	Se.	water	CO.	1.136	16,630			1413	
Sub.	6 Li.	3	Se.	water		1.090	16,260			1414	
S. Con.	5 MM-2	3				1.164	16,350			1415	
App. St.	4 App. St.	3	Asp. (10)			0.975	13,670			1416	
	F. Con (3)	6-P				1.133	7,190			1417	
Sub.	7 Lo. Li.	3	Asp. (10)			0.868	14,930			1418	
Lo. Li.	5 Lo. Li.	3	Asp. (10)			0.944	15,010			1419	
Lo. Li.	3 Lo. Li.	3	Asp. (10)			0.797	14,260			1420	
	F. Con.	7-P				1.109	16,139			1421	
Li.	5 Li.	3	Se.	water	T.	0.746	11,150			1422	
Li.	4 Li.	3	Se.	water	Ca.Cl.	0.926	12,760			1423	
Fid.	6 Lo. St.	3	T. (17)			0.896	14,865			1424	
(Shoulders)	Lo. St.	4	Se.	water	CT. (17)	0.446				1425	

APPENDIX A — COUNTY HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1418	Ulster...	0.55		\$17,607 24	\$11,444 71	11/ 2/16	100	1/ 4/18	6.21	26, 14	36, 24	1,847
1419	Ulster...		3.17	47,200 00	30,095 00	8/21/16	17		0.34	14	24, 38	2,866
1420	Schuyler...	3.01		36,100 00	28,880 00	11/ 2/16	80		2.35	14	26, 28	19,269
1421	Renss...	7.20		108,700 00	70,655 00	8/16/16	51		0.82	14	24	6,782
1422	Renss...	4.88				8/21/16	100	11/ 8/18	3.01	14	26	24,083
*1423	Renss...								7.20	14	20-26	59,134
*1424	Renss...								2.78	14	24-26	21,453
*1425	Renss...	2.97		42,000 00	27,300 00	11/24/16	58		2.10	12	24-26	16,217
*1426	Renss...											
1427	Oswego...	0.55		10,416 55	6,359 58	8/22/16	100	10/ 2/17	0.03	16	28	269
1428	Oswego...		6.36	86,200 00	57,460 00	1/22/18	33		0.52	10	26	4,909
*1429	Oswego...								5.41	14	24-32	44,550
1430	Orleans...	1.32				8/24/16	100	5/ 6/18	0.95	14	32	7,738
1431	Tomp...	3.37		47,100 00	31,086 00	8/22/16	2		1.10	32	32	20,784
1432	Tomp...	0.43		5,817 19	3,836 05	8/21/16	100	1/8 /18	0.22	40-57	40-57	7,654
1433	Tomp...	5.86		99,200 00	60,522 00	8/24/16	22		0.43	12-14	24	24,585
1434	Tomp...	0.01		16,297 32	5,697 04	8/21/16	100	8/31/17	0.16	12	22	3,063
1435	Cort...	6.67		85,000 00	59,500 00	8/22/16			0.16	45-16	48-32	2,773
1436	Wash...	1.43				8/17/16	100	9/14/18	0.30	16-14	32-26	2,799
1437	Wash...	4.58				8/24/16	100	8/14/18	5.40	14	26	44,375
1438	Wash...	6.98		113,000 00	81,360 00	8/21/16	4		0.49	10	26	4,563
1439	Dela...	6.51		98,400 00	74,304 00	9/25/16	10		0.12	24-30	24-30	1,964
1440	Dela...	3.39		50,800 00	39,388 00	8/21/16			3.67	14	24-26	30,181
1441	Dela...	4.31		79,000 00	50,654 00	8/21/16			2.40	14	24-26	19,775
*1442	Lewis...					8/21/16	100	10/24/18	0.90	28-44	28-44	14,663
1443	Erie...	5.09				8/21/16	100	8/30/18	0.53	16	26	8,181
1444	Erie...	3.75				8/21/16	100	8/30/18	4.58	16	26-28	43,081
*1445	Erie...								6.98	14-16	26	60,198
*1446	Erie...								6.51	12-20	24, 22	49,771
1447	Erie...	4.51		82,800 00	53,820 00	5/ 9/17	98		3.39	14-30	26-42	32,064
1448	Rock...	8.59		77,243 35	50,208 10	8/21/16	100	1/ 8/18	1.06	20-40	20-40	18,764
1449	Broome...	5.35		80,200 00	40,100 00	4/16/17	6		2.50	14	22	20,344
1450	Broome...	6.93		125,000 00	62,500 00	2/27/17	8		0.75	16	26	6,969
1451	Broome...	4.70		59,600 00	29,800 00	8/21/16	75		2.66	14	26-30	21,841
1452	Tioga...	5.50		82,700 00	61,198 00	8/21/16	43		0.85	16	26	15,094
1453	Schenec...	1.94		22,553 18	14,659 18	8/21/16	100	9/12/17	0.78	14	24	6,338
1454	Schenec...	6.33		87,300 00	56,745 00	8/18/16	35		7.28	14	24	59,833
1455	Putnam...	3.41		47,109 11	36,820 92	9/25/16	100	1/ 2/18	0.30	16	26	3,351
*1456	West...	4.62		75,100 00	48,815 00	9/28/16	42		0.30	14	24	2,434
1457	West...								5.35	12, 16	24, 28	39,147
*1458	Hamil...	1.47		29,747 96	10,388 98	9/25/16	100	10/23/17	6.93	14	26	57,141
1459	Livings...								4.71	14	26	26,784
1460	Saratoga...	6.74		115,700 00	77,935 00	10/28/16	98		5.50	14	26	45,176
*1461	Saratoga...								1.94	12, 14	24, 28	14,354
*1462	Oneida...								6.53	12	26	52,366
1463	Sullivan...	5.63		75,000 00	67,180 00	10/28/16	4		3.41	16	26	32,880
1464	Ulster...	1.80		32,900 00	21,385 00	5/ 9/17	90		4.62	14-16	28	42,708
1465	Ulster...	2.79		39,367 63	25,588 96	10/ 3/16	100	1/24/18	0.03	14	32-30	12,099
									6.74	16	26-30	43,378
									5.63	14	26	47,381
									1.83	14	26	12,588
									0.27	14	23-26	2,308
										14	26	33,077

* See list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
S. Con.	5	St. Blk.	6-P		2.586	45,040				1418
		F. Con	6-P		1.058	24,310				
		F. Con (11)	6-P		0.982	16,111				1419
Lo. St.	5	Lo. St.	6	T.	0.721	13,661				
Sub.	6	Lo. St.	6	T.	0.701	12,370				1420
Sub. 6, App. St. 2	8	Imp. Li.	6	Ca. Cl.	0.928	15,450				1421
App. St.	4	App. St.	6							1422
Grv.	6	App. St.	6							*1423
										*1424
Grv. 5, Li. 3.	8	Li.	3	Ca. Cl.	1.022	15,355				1425
		Li.	3	Ca. Cl.	0.405	14,230				1426
Grv.	9	Li.	3	Ca. Cl.	0.309	18,020				1427
Lo. St.	5	Lo. St.	3	App.	1.006	15,065				1428
		Imp. Li.	3	App.	0.639	11,620				*1429
										1430
S. Con. (10)	5	Br. (22)	4							
S. Con. (10)	5	St. Blk.	5							
Sub.	6	Li.	3	T.	1.003	16,072				1431
Sub.	6	Li.	3	Ca. Cl.	0.75	15,951				1432
S. Con.	5	Br.	4		2.167	27,160				
Sub.	6	Li.	3	App.	0.947	15,708				1433
Sub.	6	Li.	3	Ca. Cl.	0.971	16,017				
Li.	4	Li.	3	App. (10)	1.265	21,780				1434
S. Con. (20)	5	Br.	4		2.354	28,785				
Imp. St.	4	Li.	3	T.	0.878	15,221				1435
Lo. St.	4	Li.	3	T.	0.819	14,667				
S. Con. (9)	6	Br.	4							1436
App. St.	4	App. St.	2	Ca. Cl.	0.607	9,595				1437
Lo. St.	4	Lo. St.	3	Ca. Cl.	0.983	16,898				1438
Sub. 6, App. St. 2	8	App. St.	3	HCT	0.976	16,352				1439
Sub.	6	Lo. St.	3	App.	0.867	14,244				1440
Sub.	6	Set.	2	T.	1.194	17,242				
Lo. St.	4	Tr.	2	App.	0.896	14,163				1441
Sub.	6	Lo. St.	3	App.	1.094	16,303				
Old Mac., Lo. St.	3	Tr.	2	App.						*1442
Si.	5	St.	3	Ca. Cl.						1443
App. St.	5	App. St.	3	Ca. Cl.						1444
										*1445
										*1446
Si.	5	App. St.	3	Ca. Cl.	1.243	18,140				1447
		F. Con.	6		1.533	20,860				
Gn.	4	Gn.	3	T. (17)	0.730	9,130				
Tr.	4	Tr.	3	T. (17)	0.736	9,130				1448
Fld.	8	Gn.	3	T. (17)	0.829	10,050				
Fld.	8	Tr.	3	T. (17)	0.829	10,050				
Sub.	4	Lo. St.	2	App.	1.277	17,840				1449
Set.	4	Set.	3	App.	1.111	19,283				*1450
Sub.	6	Set.	3	App.	0.835	13,106				1451
Sub.	6	Li.	3	Ca. Cl.	0.870	15,800				1452
Grv. 6, App. St. 3	9	App. St.	3	Ca. Cl.	0.969	13,630				1453
Sub. 6, Lo. St. 2	8	Li.	3	T.	1.043	14,935				1454
Fld.	6	Gn.	3	App. (10)	0.837	13,630				1455
										*1456
		F. Con.	6-P		1.161	15,701				1457
Sub.	6	Li.	3	Ca. Cl.	0.939	14,640				*1458
Sub.	6	Li.	3	Ca. Cl.	1.428	19,275				1459
		F. Con.	6-P		1.150	16,071				
										1460
Sub.	6	Set.	6	App.	0.895	13,809				*1461
Li.	4	Li.	3	App.	0.940	19,645				*1462
Li.	4	Li.	3	Ca. Cl.	0.711	17,520				1463
Sub.	6	Dol.	3	App. (10)	0.890	15,120				1464

APPENDIX A—COUNTY HIGHWAYS JANUARY 1

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
1466	Monroe	6.33		\$70,400 00	\$51,610 00	10/31/16	41		6.33	16	32	80,490
*1467	Scho.											
*1468	Albany											
1469	Monroe	4.04		93,000 00	51,350 00	10/31/16	39		0.42 4.52	20 14	24 26	5,185 37,268
*1470	Chat.											
*1471	Chat.											
*1472	Scho.											
1473	Chen.	3.06		50,700 00	25,350 00	10/31/16	21		3.06	12	22-24	21,932
1474	Steuben	4.99		56,000 00	38,080 00	10/28/16			4.99	12	24	35,119
1475	Steuben	6.00		33,400 00	56,712 00	10/28/16			6.00	10	24	35,202
1476	Steuben	4.00		58,400 00	39,712 00	10/28/16			4.00	10	24	25,023
1477	Steuben	2.83		57,437 13	27,103 67	10/28/16	100	12/14/17	2.51 0.32	16-14 30-56	26 30-56	23,287 7,572
1478	Sullivan	4.01		53,500 00	49,220 00	11/28/16			4.01	14	26	33,000
*1479	Cattar.											
*1480	Cattar.											
*1481	Monroe											
*1482	Schenec.											
*1483	Sullivan											
1484	Jeff.	0.66		14,200 00	8,460 00	5/31/17	99		0.66	12-20	28,32	5,487
*1485	Otsego											
1486	Broome	2.78				2/26/17	100	11/29/18	0.77 2.01	14-40 14	26-43 26	7,240 18,504
1487	Broome	4.08				2/26/17	100	8/ 8/18	1.51 2.57	14 14	26 26	12,429 21,197
1488	Clinton	5.95				3/ 2/17	100	13/12/18	5.95	14	26	48,900
*1489	Clinton											
1490	Lewis	5.37				5/ 9/17	100	12/19/18	5.37	10	24	31,510
1491	Erie	2.97		39,700 00	25,805 00	2/26/17	6		2.97	14	29-33	24,372
1492	Erie	2.90				3/ 1/17	100	11/23/18	2.90	12	24-30	20,412
1493	Erie	3.02		41,000 00	26,650 00	2/26/17			3.02	12	30	21,222
*1494	Erie											
*1495	Suffolk											
*1496	Essex											
*1497	Chemung											
*1498	Mont.											
1499	Monroe	4.56		88,000 00	57,200 00	2/24/17	25		3.28 1.28	14, 16 10	28, 32 32	28,648 12,085
1500	Cortland	2.33		40,400 00	28,280 00	2/23/17	24		2.33	14	24	19,104
*1501	Warren											
1502	Rock.	0.24				5/ 9/17	100	8/ 8/18	0.24	10	22	1,422
*1503	Wayne											
*1504	Mont.											
*1505	Onon.											
1506	Onon.	5.52		71,500 00	46,475 00	5/ 9/17	95		3.02 2.50	14 14	26 26	24,980 20,598
*1507	Onon											
*1508	Orange											
*1509	Cattar.											
*1510	Chen.											
*1511	Essex											
*1512	Putnam											
*1513	Putnam											
*1514	Rock.											

* See list by counties.

1898 TO DECEMBER 31, 1918—(Concluded)

MATERIALS USED IN CONSTRUCTION						UNIT COSTS		PERCENT PAYMENT			Highway No.
BOTTOM		TOP			Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness	Binder							
App. St.	5	App. St.	3	Sc. water	On.Cl.	0.830	11,909				1466
											1467
											1468
S. Con.	5	Br.	4			2.113	25,908				1469
		F. Con.	6-P			1.431	18,606				1470
											1471
											1472
Sub.	6	App. St.	3	Asp.		0.972	19,909				1473
Sub.	6	Sl.	3	Sc. water	T.	0.869	12,230				1474
Sub.	6	Set.	3	T.		0.914	15,952				1475
Sub.	6	Set.	3	Asp.		0.848	17,531				1476
Sub.	6	Li.	3	Asp. (10)		0.931	14,065				1477
S. Con. (6)	5	Br. (23)	4			1.989	24,090				1478
Sub.	6	Lo. St.	3	T.		0.947	14,820				1479
											1480
											1481
											1482
											1483
Sub.	3	App. St.	3	Asp.		1.372	22,660				1484
											1485
Grv. 4, App St. 4	8	Li.	3	Asp.							1486
Grv.	0	Li.	3	Sc. water	On.Cl.						1487
Grv.	6	Set.	3	Asp.							1488
Fld.	6	Set.	3	Asp.							1489
Sub.	6	Lo. St.	3	Asp.							1490
Fld.	6	Gn.	3	Asp.		1.168	16,576				1491
Grv.	5	App. St.	3	Sc. water	On.Cl.	0.862	12,837				1492
Sl.	5	App. St.	3	Sc. water	On.Cl.	0.925	12,840				1493
Sl.	5	App. St.	3	Sc. water	On.Cl.	1.260	16,040				1494
											1495
											1496
											1497
											1498
Sl.	5	Li.	3	Sc. water	Lig.	0.994	18,215				1499
		F. Con.	6			1.443	22,335				1500
Lo. St.	5	Li.	3	Sc. water	Ca.Cl.	0.986	17,840				1501
App. St.	3	App. St.	3	T.							1502
(Shoulders)		App. St.	4								1503
											1504
											1505
											1506
Imp. Li.	4	Imp. Li.	3	Li. Sc. water	On.Cl.	0.982	14,430				1507
Lo. St.	4	Imp. Li.	3	Li. Sc. water	On.Cl.	0.895	13,610				1508
											1509
											1510
											1511
											1512
											1513
											1514

APPENDIX A — STATE HIGHWAYS

See page 189 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5000	Ulster...	3.22		\$30,026 00	\$30,026 00	2/ 7/10	100	11/ 5/10	3.22	16	28-32	30,228
5001	Ulster...	1.57		22,572 38	22,572 38	2/17/10	100	11/29/10	1.47	16	26	13,778
									0.10	16	26	939
5002	Rock...	1.61		22,366 92	22,366 92	2/17/10	100	11/29/10	1.61	16	26, 28	15,111
									1.02	16	28-32	22,674
5003	West...	3.44		48,758 08	48,758 08	3/ 2/10	100	11/29/10	0.43	16	28-32	4,018
									1.99	16	28-32	5,582
5004	Colum...	2.64		33,120 05	33,120 05	3/19/10	100	10/ 1/10	2.64	16	28, 32	24,802
5005	Jeff...	4.77		61,128 81	61,128 81	2/18/10	100	10/29/10	4.77	16	28	44,731
5006	Putnam...	1.80		30,536 82	30,536 82	3/ 3/10	100	7/ 6/11	1.80	16	28	16,889
5007	Orange...	3.28		45,000 00	45,000 00	2/21/10	100	11/29/10	3.16	16	28-32	29,556
									0.12	16	28-32	889
5008	Suffolk...	3.58		53,551 56	53,551 56	4/ 7/10	100	12/30/11	2.35	16	32	22,512
									1.20	16	32	11,634
5009	Dutchess...	1.67		24,717 27	23,647 52	2/24/10	100	12/22/10	1.67	16, 22	26, 32	16,033
5010	Albany...	1.98		30,016 89	30,016 89	2/21/10	100	11/25/10	1.98	16	30	18,556
5011	Essex...	3.45		59,584 88	59,584 88	2/24/10	100	9/26/11	3.22	16	28, 32	30,169
									0.23	16	32	2,129
5012	Cayuga...	2.78		39,213 18	39,213 18	2/24/10	100	12/10/10	2.75	16	32	25,813
5013	Chemung...	3.62		60,623 24	50,161 14	2/24/10	100	11/23/10	3.62	16-32	26, 32	38,358
5014	Madison...	3.19		47,245 85	47,245 85	2/23/10	100	5/20/11	2.49	16	28-32	23,581
									0.70	16	32	6,578
5015	Ontario...	1.19		27,812 57	25,840 16	4/ 9/10	100	11/15/10	0.56	16-30	32	5,815
									0.63	16	32	5,945
5016	Onondaga...	3.09		41,544 99	41,544 99	2/24/10	100	1/10/11	1.98	16	32	18,578
									1.11	16	32	10,409
5017	Wayne...	2.96		43,781 53	43,781 53	2/21/10	100	8/20/11	2.95	16	28-32	27,705
5018	Yates...	1.99		26,515 82	26,515 82	2/24/10	100	10/ 3/10	1.99	16	30, 32	18,684
5019	Erie...	1.87		38,468 29	38,468 29	2/28/10	100	5/20/11	1.87	16	28-32	17,686
5020	Genesee...	3.46		42,264 76	42,264 76	2/24/10	100	11/ 5/10	3.46	16	32	32,471
5021	Livingston...	3.99		48,174 26	48,174 26	2/23/10	100	12/ 6/10	1.44	16	32	13,483
									2.55	16	28	23,966
5022	Broome...	2.98		44,813 99	44,813 99	2/21/10	100	1/23/11	2.98	14, 16	28	28,236
5023	Allegany...	2.82		39,992 25	35,092 25	2/25/10	100	6/30/11	0.43	16	28	4,136
									2.39	16	28	22,404
5024	Wyoming...	2.67		37,020 94	37,020 94	2/24/10	100	11/ 9/10	2.67	16	28, 32	25,061
5025	Orleans...	2.46		25,765 81	25,765 81	2/26/10	100	11/ 5/10	2.46	16	24-32	23,130
5026	Steuben...	3.48		48,944 87	48,944 87	2/26/10	100	2/12/11	0.90	16	28	9,248
									2.49	16	28-32	23,468
5027	Greene...	1.94		31,876 07	31,876 07	2/19/10	100	11/20/10	1.94	16	32	18,284
5028	Montgomery...	3.74		134,267 04	100,062 86	2/21/10	100	1/31/12	2.72			
5029	Rensselaer...	2.78		49,368 71	49,368 71	2/19/10	100	11/ 9/10	2.78	16	32	26,071
5030	Schenectady...	2.08		23,604 52	23,604 52	2/19/10	100	9/ 3/10	2.08	16	32	19,565
5031	Franklin...	3.00		33,682 07	33,682 07	2/19/10	100	6/30/11	3.00	16	32	28,142
5032	St. Lawrence...	5.00		54,401 24	54,401 24	2/18/10	100	11/15/10	5.00	16	32	46,951
5033	Washington...	2.96		34,375 85	34,375 85	2/14/10	100	12/ 3/10	2.96	16	30, 32	27,813
5034	Oneida...	1.19		18,627 31	18,627 31	2/21/10	100	9/28/10	1.19	16	32	13,403
5035	Sullivan...	2.48		34,656 13	34,656 13	2/23/10	100	6/ 3/11	2.48	16	28	23,380
5036	Lewis...	2.61		37,574 92	37,574 92	4/ 9/10	100	11/ 9/12	2.61	16	32	24,463
5037	Oswego...	3.50		42,507 19	42,507 19	4/ 9/10	100	11/23/11	3.50	14	26	28,716
5038	Hamilton...	2.99		52,948 02	52,948 02	4/ 9/10	100	12/30/11	2.00	16	28	18,756
									0.99	16	28	9,301
5039	Albany...	3.98		73,544 61	73,544 64	4/ 9/10	100	8/31/11	3.98	16	23-32	37,368
									0.08	30		1,008
5040	Rensselaer...	1.83		53,920 91	26,006 00	4/ 7/10	100	12/13/10	0.85	26-30	26-30	14,588
									0.63	16-30	26-32	8,911
5041	Ontario...	2.40		36,874 95	36,874 95	4/ 5/10	100	11/15/10	2.05	16	32	19,364
									0.35	16	32	3,263
5042	Cayuga...	0.34		66,235 93	66,208 93	4/ 7/10	100	1/12/14	3.36	16	32	31,818
5043	Seneca...	2.92										
5044	Oswego...	3.49		39,213 41	39,213 41	4/ 7/10	100	11/15/10	2.47	16	28	22,930
									0.12	16	24	1,057
5045	Delaware...	3.03		58,656 72	58,656 72	4/ 5/10	100	9/12/11	3.17	16	26-32	29,696
5046	Monroe...	6.74		62,046 21	62,046 25	4/ 5/10	100	7/15/11	0.33	16	26	3,040
									5.74	16	28, 32	28,575
												53,393

§ Highway No. 5038 was built of various types as an experimental pavement.

† Changed from original plans.

JANUARY 1, 1898 TO DECEMBER 31, 1918

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.		
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type	
Kind	Thickness	Kind	Thickness								
Li.	4	Li.	2	Asp. (10)	0.732	9,155	}			5000	
St.	4	Tr.	2	Asp. (10)	0.906	14,450				5001	
St.	4	Tr.	2	Asp. (10)	0.797	13,424					
Flt.	4	Tr.	12	Asp. (10)	0.831	13,750	}		Oiled.	5002	
Gn.	4	Gn.	3	Asp. (3)	0.897	14,360					
Gn.	4	Gn.	3	Asp. (3)	0.944	14,800					
Gn.	4	Gn.	3	Asp. (3)	0.850	13,920	}		Oiled.	5003	
Gra.	4	Gra.	2	Asp. (10)	0.856	12,393					
App. St.	4	Li.	2	Asp. (10)	0.841	12,595					
App. St.	4	App. St.	12	Asp. (10)	0.871	16,320	}		Oiled.	5006	
Lo. St.	3	Tr.	2	Asp. (10)	0.735	13,124					
Old Mac.	4	Tr.	2	Asp. (10)	0.496	10,875					
Grv. Con. (h)	4	Li.	13	Asp. (3)	1.419	16,830	}	1914	1.20	BM. MM.-2.	5008
Grv. Con. (h)	4	Tr.	12	Asp. (3)	0.637	9,490					
App. St.	4	Tr.	12	Asp. (3)	0.940	14,790					
Li.	4	Li.	13	Asp. (3) (10)	0.965	15,170	}	1916	1.06	F. Con.	5009
St.	4	St.	3	Asp. (10)	0.909	16,515					
S Con. (9)	5	Br. (17)	4	Asp. (10)	2.303	29,604					
Li.	34	Tr.	2	Asp. (10)	0.988	14,260	}	1915	0.19	Bit. Mac.	5012
Set.	4	Tr.	2	Asp. (10)	1.003	13,915					
Li.	4	Sy.	2	Asp. (2)	0.973	13,741					
Li.	7	Sy.	2	Asp. (3)	1.322	16,615	}	1914	0.63	Brick.	5015
Grv. Con. (h)	5	Br. (20)	4	Asp. (10)	2.180	28,205					
Li.	4	Li.	2	Asp. (10)	0.875	15,953					
Li.	4	Sy.	2	Trn. (10) (7)	0.896	12,805	}	1915	1.68	Bit. Mac.	5018
Sub. 6. Li. 3	9	Sy.	2	Trn. (10)	1.031	14,075					
Li.	4	Li.	2	Asp. (10)	0.959	14,431					
Sub. 5. Qst. 2	7	Li.	2	Asp. (10)	0.928	12,850	}	1915	1.68	Bit. Mac.	5019
S Con. (d) (3)	5	Br. (3)	4	Asp. (10)	1.763	20,391					
Li.	4	Li.	4	Asp. (2)	0.690	12,610					
Li.	4	Li.	4	Asp. (2)	0.570	11,480	}	1917	2.71	3" Bit. Mac.	5023
Rock Fill	4	Tr.	2	Asp. (10)	0.968	14,900					
Sub.	4	Br.	4	Asp. (10)	2.300	25,530					
Grv. Con. (d)	5	App. St.	2	Asp. (10)	0.847	11,890	}	1914	2.39	Bit. Mac.	5024
App. St.	4	Li.	2	Asp. (10)	0.904	13,425					
Li.	4	Set.	2	Asp. (10)	0.668	10,140					
Set.	4	Set.	2	Asp. (10)	1.874	20,271	}			Oiled.	5026
Grv. Con. (d) (16)	5	Br.	4	Asp. (10)	0.914	11,255					
St.	4	Li.	2	Asp. (10)	0.859	15,650					
Li.	4	Tr.	2	Asp. (10)	1.139	17,940	}			Oiled.	5028
Tr.	4	Tr.	2	Asp. (10)	0.757	10,375					
Li.	4	Li.	2	Asp. (10)	0.793	10,890					
App. St.	4	App. St.	2	Asp. (10)	0.743	10,505	}	1916	2.50	2" Bit. Mac.	5032
Lo. St.	4	Gm. Ga.	2	Asp. (10)	0.693	11,345					
Ser. Grv.	4	Ser. Grv.	2	T(16) Asp. (3) (10)	0.974	13,270					
App. St.	4	Li. or Sy.	2	Asp. (10)	0.871	13,763	}			Oiled.	5034
App. St.	4	Set.	2	Asp. (10)	0.807	13,763					
Li.	4	Li.	2	Trn. (1)	0.779	13,581					
App. St.	4	Li.	2	Asp. (10)	0.882	13,190	}			Oiled.	5037
App. St.	4	Ga.	2	Ber. (1)	0.908	17,730					
App. St.	4	Ga.	2	Ber. (1)	0.818	16,585					
Li.	4	Li.	2	Asp. (10)	0.830	15,240	}			Oiled.	5039
S Con. (d) (9)	5	Gm. Bk.	5	Asp. (10)	2.170	24,751					
S Con. (d) (9)	5	Br. (17)	4	Asp. (1)	2.341	25,973					
St.	4	Tr.	2	Asp. (10)	0.876	12,610	}	1918	1.71	Bit. Mac.	5041
Li.	4	Li.	2	Asp. (10)	0.997	15,430					
Li.	3	Li.	2	Asp. (10)	0.913	14,640					
Li.	4	Li.	2	Asp. (10)	0.914	18,363	}	1919	0.11	Bit. Mac.	5042
St.	4	Tr. Li.	2	Asp. (3)	1.020	13,435					
St.	4	Tr.	2	Sc. Water	0.855	11,885					
Lo. St.	4	Lo. St.	2	Asp. (10)	0.758	11,215	}			Oiled.	5044
Old Mac.	4	Lo. St.	2	Asp. (10)	0.434	8,170					
App. St.	4	Tr.	2	Asp. (10)	0.908	19,283					
App. St.	4	Li.	2	Asp. (10)	0.718	10,470	}			Oiled.	5046

APPENDIX A—STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5047	Schuyler	1.63	.....	\$23,980 50	\$23,980 50	4/ 5/10	100	2/ 2/11	1.63	16	28	15,342
5048	Chem	2.50	.....	37,567 27	37,567 27	4/ 5/10	100	8/ 8/12	2.50	16	28,33	23,442
5049	Tioga	2.56	.....	30,437 49	30,437 49	4/ 7/10	100	12/13/10	2.56	16	28	24,049
5050	Dutchess	2.14	.....	32,223 20	32,223 20	4/ 9/10	100	7/ 6/11	2.14	16	28	20,110
5051	Nassau	1.96	.....	31,339 06	31,339 06	4/ 9/10	100	6/29/11	1.96	16	28,32	18,548
5052	Oneida	0.65	.....	23,444 74	18,800 00	4/12/10	100	4/23/12	0.65	38, 28	18, 28	8, 506
5053	Chautau	2.84	.....	36,168 03	36,168 03	4/ 7/10	100	6/ 3/11	2.84	16	28-32	23,822
									1.55	16	28-32	14,521
5054	Erie	1.96	.....	34,749 83	34,749 33	4/ 5/10	100	8/16/11	0.29	16	28-32	2,698
									0.11	16	28-32	1,067
5055	Warren	1.63	.....	30,766 80	30,766 60	4/ 9/10	100	9/26/11	1.63	16	28	15,308
5056	Clinton	2.26	.....	30,720 78	30,720 78	5/28/10	100	11/19/11	2.26	16	28-32	21,205
5057	Chem	0.51	.....	12,536 64	8,750 28	5/28/10	100	7/15/11	0.51	32-16	34-36	6,350
									0.66	16, 21	26	6,500
5058	Cort	2.01	.....	60,900 15	43,055 43	5/27/10	100	1/31/12	1.13	16, 32	16, 32	18,740
									0.22	16, 32	32	3,654
5059	Oneida	1.06	.....	71,503 49	40,829 36	5/28/10	100	10/27/11	1.60	24, 28	35, 40	24,880
5060	Herk	0.98	.....	22,638 79	13,892 50	6/ 4/10	100	11/19/11	0.26	19-27	19-27	4,017
									0.42	16	32	8,982
5061	Erie	1.06	.....	36,015 29	23,082 59	9/ 2/10	100	12/21/11	1.08	16-26	16-26	16,398
5062	Saratoga	2.90	.....	52,404 71	38,562 82	5/28/10	100	12/26/11	1.21	18-59	30-65	24,061
									1.69	16	32	15,984
5063	Niagara	2.48	.....	58,882 89	58,882 89	5/28/10	100	11/23/11	12.48	16	39-43	23,068
5064	Herk	1.86	.....	18,796 01	18,796 01	5/28/10	100	1/ 3/11	1.56	16	26-32	14,688
5065	Fulton	2.43	.....	42,437 11	42,437 11	5/28/10	100	7/17/12	2.42	16	28, 32	22,716
5066	Cattaraugus	2.91	.....	33,345 64	33,345 54	5/28/10	100	12/ 6/10	2.91	16	28, 32	27,334
5067	Chautau	1.06	.....	47,824 60	22,771 16	6/21/10	100	6/30/11	1.06	36-45	36-45	19,932
5068	Warren	1.48	.....	29,042 40	22,873 00	5/28/10	100	9/25/11	1.48	16-45	28-46	17,970
5069	Herk	2.03	.....	20,544 32	20,544 32	8/ 9/10	100	12/14/11	2.03	16	26-32	19,090
5070	Wayne	0.60	.....	21,473 75	21,473 75	8/ 9/10	100	12/14/11	0.60	16	32	28,871
5071	Erie	2.61	.....	163,698 17	58,893 17	6/13/12	100	2/ 1/14	2.61	16-42	42-48	55,381
5072	Colum	3.59	.....	113,760 16	113,760 16	3/22/11	100	3/18/12	8.67	16	28, 32	61,398
5073	Colum	5.08	.....								
5074	Colum	4.32	.....	51,905 06	51,905 06	3/31/11	100	11/25/11	4.32	16	32	40,592
5075	Cort	0.53	.....	8,124 56	8,124 56	3/31/11	100	8/16/11	0.53	16	26, 32	5,010
5076	Franklin	5.20	.....	64,048 37	64,048 37	3/22/11	100	12/26/11	5.20	16	32, 40	48,782
5077	Lewis	3.08	.....	38,810 39	38,810 39	4/ 9/10	100	8/23/12	3.08	16	32	28,871
									1.04	16	32	9,707
5078	Madison	2.56	.....	39,387 57	39,387 57	3/23/11	100	12/ 7/11	1.23	16	32	11,556
									0.29	16	32	2,743
5079	Oneida	1.44	.....	22,285 66	22,285 66	3/29/11	100	5/16/12	1.44	16	32	13,509
5080	Onondaga	3.00	.....	36,280 89	36,280 89	3/23/11	100	12/ 7/11	3.00	16	26, 32	28,165
5081	Ontario	5.26	.....	76,282 93	76,282 93	3/25/11	100	12/ 9/11	5.26	16	32	49,364
5082	Oswego	2.91	.....	45,732 25	45,732 25	3/23/11	100	11/29/11	2.91	16	26, 32	27,349
5083	Oswego	2.61	.....	37,527 22	37,527 22	3/23/11	100	10/15/12	2.61	16	32	24,460
5084	Rensselaer	2.90	.....	39,403 82	39,403 82	3/25/11	100	1/ 7/12	2.90	16	32	27,218
5085	Saratoga	4.51	.....	58,945 16	58,945 16	12/ 6/11	100	11/18/13	4.51	16	32	42,350
									0.03	16	.....	254
5086	Echo	5.05	.....	74,283 02	74,283 02	3/27/11	100	12/31/12	1.96	16	28	18,441
									3.06	16	32-28	28,733
5087	Seneca	5.77	.....	77,195 28	77,195 28	5/23/11	100	12/18/14	5.77	16 { 12	32	41,137
										4	.....	12,991
5088	Warren	1.53	.....	25,702 68	25,702 68	3/25/11	100	9/26/11	1.53	16	26	14,382
5089	Wayne	4.48	.....	72,507 40	72,507 40	4/13/11	100	11/19/12	4.48	16	28-32	42,605
5090	Genesee	4.46	.....	54,395 45	54,395 45	3/25/11	100	10/15/12	4.46	16	32	41,864
5091	Oneida	1.08	.....	43,243 51	27,401 93	4/24/12	100	12/17/12	1.08	33-39	34-41	14,294
5092	Dutchess	4.16	.....	51,792 70	51,792 70	4/25/11	100	12/30/11	4.16	16	28-30	38,972
*5093	Monroe		.....								
5094	Steuben	2.49	.....	24,839 79	24,839 79	4/29/11	100	11/23/11	2.49	16	32	23,387
5095	Dutchess	1.33	.....	12,644 75	12,644 75	4/25/11	100	8/16/11	1.33	16	26, 30	12,469
5096	Fulton	0.64	.....	46,912 68	46,912 68	5/ 2/11	100	12/12/12	0.64	16	.....	2,347
5097	Mont	2.43	.....						1.82	16	26, 32	26,483
5098	Monroe	1.96	.....	10,007 26	10,007 26	4/29/11	100	12/14/11	1.06	16	32	9,956
5099	Putnam	1.14	.....	18,483 32	15,216 48	4/25/11	100	1/22/12	1.14	16-80	28-80	14,176
5099	Cattaraugus	0.36	.....	14,625 02	8,602 44	5/26/11	100	12/26/11	0.36	16-32	32	5,121

*See Appendix B, list by counties.

§ Contract No. 5070 was entirely for preparing a stable foundation across a swamp p

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
App. St.	4	Tr.	2	Ber. (1)	1.059	14.550			Oiled	5047
App. St.	4	Tr.	2	Asp. (1)	1.132	14.370			Oiled	5048
App. St.	4	Tr.	2	Asp. (10)	0.899	11.748			Oiled	5049
App. St.	4	Li.	3	Asp. (10)	0.833	14.809			Oiled	5050
Tr.	4	Tr.	3	Asp. (10)	1.162	15.050			Oiled	5051
S Com. (d) (1, 8)	5	Br. (20)	4	Asp. (10)	1.050	26.041			Oiled	5052
Li.	4	Li.	2	Asp. (1)	1.018	13.900			Oiled	5053
Li.	4	Li.	2	Trn. (1)	0.997	16.330			Oiled	5054
Li.	4	Li.	4	Trn. (1)	1.432	20.330			Oiled	5054
Li.	4	Li.	3	Trn. (1)	1.215	18.900			Oiled	5055
Gn.	4	Gn.	3	Asp. (10) (1)	0.770	18.377			Oiled	5055
Set.	4	App. St.	3	Asp. (1) T. (10)	0.980	17.626			Oiled	5056
Li.	5	Tr.	2	Asp. (10) T. (10)	1.268	17.517			Oiled	5057
Li.	4	Tr.	2	Asp. (3)	1.407	18.440			Oiled	5058
Grv. Con. (d) (9)	5	Br. (31) (3)	4	Asp. (3)	1.983	24.040			Oiled	5058
Grv.	3	Li. Tr.	2	Asp. (3)	0.925	14.110			Oiled	5059
S Com. (d) (1, 15)	5	Bitu.	2	Asp. (3)	1.968	25.772			Oiled	5060
S Com. (1)	5	Br. (17)	4	Asp. (3)	2.100	31.000			Oiled	5060
App. St.	4	Sy.	2	Ber. (1)	0.861	20.270		0.42	Oiled	5061
f Con. (5)	5	Br. (10)	4	Asp. (3)	1.827	22.774			Oiled	5062
App. St.	6	App. St.	3	Ber. (1)	1.098	14.995			Oiled	5063
App. St.	4	App. St.	2	Ber. (1)	0.850	12.685			Oiled	5063
S Com. (11)	5	Br. (3)	4	Asp. (3)	1.964	22.790			Oiled	5063
App. St.	4	Dol.	2	Asp. (3)	0.790	11.420			Oiled	5064
Gn.	4	App. St.	3	T. (16) Asp (3) (1)	1.009	17.220	1914	1.50	Bit. Mac.	5065
App. St.	4	Li.	2	Asp. (3)	0.751	11.155			Oiled	5066
Grv. Con. (a)	5	Br. (18)	4	Asp. (3)	1.855	28.440			Oiled	5067
(6, 11)	4	App. St.	2	Asp. (10)	0.809	15.460			Oiled	5068
App. St.	4	Dol.	2	Ber. (1)	0.712	9.957			Oiled	5069
S Com. (1)	5	Br. (32)	4	Asp. (10)	2.216	35.335			Oiled	5070
Li. Qrs. Set.	3	Li. Qrs. Set.	3	Asp. (10)	0.790	12.370	1914 1917	0.57 3.67	Bit. Mac. Bit. Mac.	5072
Set.	3	Set.	3	Asp. (3)	0.926	11.373			Oiled	5073
Li.	3	Li.	3	Ber. (1)	0.945	14.760			Oiled	5073
App. St.	3	Gn.	3	Asp. (12)	0.841	11.950			Oiled	5074
App. St.	3	Li.	3	Asp. (3)	0.777	12.115			Oiled	5075
Grv. & Li. 2	8	Li. and Sy.	2	Asp. (1)	1.010	14.380			Oiled	5076
Grv. & Li. 2	8	Li. and Sy.	2	Asp. (1)	0.955	14.765			Oiled	5078
Li.	4	Li. and Sy.	2	Asp. (1)	0.927	14.500			Oiled	5078
App. St.	3	Sy.	3	Ber. (1)	1.000	14.953			Oiled	5079
Li.	3	Li.	3	Asp. (10)	0.869	11.820			Oiled	5080
Li.	3	Li.	3	Asp. (3)	0.990	14.050	1918	2.33	Bit. Mac.	5081
App. St.	3	Sy. Tr.	3	Asp. (10)	0.816	15.233			Oiled	5082
App. St.	3	Sy.	3	Asp. (10)	0.816	13.498			Oiled	5083
Tr.	3	Tr.	3	Asp. (1)	0.813	12.945			Oiled	5084
Sub.	6	App. St.	3	Asp. Trn. (1)	0.870	12.617			Oiled	5085
Li.	7	Li.	3	Asp. (10)	0.569	11.850			Oiled	5086
Sub.	7	Li.	3	Asp. (10)	0.996	15.650	1917	5.02	34" Bit. Mac.	5086
Li.	7	Li.	3	Asp. (10)	0.843	14.210			Oiled	5087
Sub.	7	Li.	3	Asp. (3, 7, 10)	1.215	14.665	1918	1.77	Bit. Mac.	5087
(Shoulder)	7	Li.	3	Asp. (3, 7, 10)	0.565	11.850			Oiled	5088
Gn.	3	Gn.	3	Asp. (3)	0.670	16.149			Oiled	5088
Li.	3	Li.	3	Asp. (10)	0.995	14.270			Oiled	5089
Li.	4	Li.	3	Asp. (3)	0.797	11.750	1918	3.02	Bit. Mac.	5090
S Com. (d) (10)	5	Bitu.	2	Asp. (10)	2.150	36.641			Oiled	5091
Set.	3	Set.	3	Asp. (10)	0.698	12.125	1914	1.48	Bit. Mac.	5092
Sub.	6	Lo. St.	3	Asp. (10)	0.765	9.631			Oiled	5093
Set.	3	Gn.	3	Asp. (10)	0.674	9.459			Oiled	5094
Li.	3	Li.	3	Ber. (1)	0.317	2.040			Oiled	5095
App. St.	3	Li.	3	Asp. (10)	1.121	16.120			Oiled	5097
Li.	3	Gn.	3	Asp. (10)	0.701	8.980			Oiled	5098
S Com. (d) (3)	5	Br. (25)	4	Asp. (10)	0.759	13.310			Oiled	5098
					1.799	26.119			Oiled	5099

Pavement placed under No. 5089.

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5100	Seneca	3.45	.....	\$101,888 19	\$53,679 72	4/29/11	100	12/17/12	1.11 2.30 0.04 0.27	30-58 14,30 46-30 18	32-60 26-32 42-32 32	20,232 22,878 1,283 2,533
5101	Cayuga	2.03	.....	26,732 56	23,771 16	5/ 1/11	100	1/23/12	0.47	16	18	4,451
5102	Clinton	6.47	.....	67,593 43	67,593 43	4/29/11	100	12/26/11	1.29	16-26	26-36	12,870
5103	Colum	5.20	}	135,458 71	135,458 71	4/26/11	100	12/ 8/13	6.47	18	28	60,739
5104	Colum	5.04		1.00	18	28-32	92,438					
5105	Herk.	1.45		0.28	14-16	26-34	2,883					
5106	Nassau	2.46	.....	29,511 25	29,511 25	4/27/11	100	3/18/12	1.17 2.46	16	26	11,009
5107	Renss.	0.39	.....	8,660 09	8,660 09	4/28/11	100	3/ 2/12	0.02 0.37	18	25	191
5108	Renss.	0.40	.....	6,245 14	6,245 14	5/ 1/11	100	9/10/12	0.87	16	26	3,509
5109	Mont.	4.79	.....	55,602 23	55,602 23	4/25/11	100	12/30/11	0.40 4.79	14	26	3,151
5110	Schenec.	5.36	.....	57,488 69	57,488 69	4/29/11	100	5/31/13	1.62 3.51	16	28	44,956
5111	Suffolk	4.99	}	100,924 06	100,924 06	5/ 3/11	100	9/10/12	1.62 3.51	16	28	15,265
5112	Suffolk	5.02		0.23	16	32	2,017					
5113	Wash.	3.67		7.51	16	32	70,490					
5114	Ulster	3.82	.....	50,614 37	50,614 37	4/29/11	100	12/14/11	2.50	16	32	23,455
5115	St. Law.	4.74	}	109,859 82	109,859 82	5/ 3/11	100	7/ 2/13	1.33	16	28-38	12,482
5116	St. Law.	5.45		2.34	16	32	21,995					
5117	Essex	6.00		3.82	16	26	55,826					
5118	Orleans	2.24	.....	24,376 98	24,376 98	5/ 1/11	100	6/14/12	9.66	16	32	90,654
5119	Jeffers.	3.25	.....	32,759 20	32,759 20	5/ 5/11	100	2/21/12	0.53	16	32	5,031
5120	Madison	3.31	.....	39,073 59	35,981 27	5/ 5/11	100	12/ 7/11	6.00	16	22-28	56,291
5121	Chem.	6.87	.....	75,542 66	75,542 66	5/10/11	100	12/17/12	2.24	14-16	26	57,514
5122	Tomp.	3.34	.....	39,404 81	39,404 81	5/10/11	100	11/19/12	4.06	16	28	30,421
5123	Mont.	4.08	.....	46,884 88	44,404 34	5/ 5/11	100	8/15/12	8.25	16-32	26-32	40,323
5124	Mont.	4.25	.....	134,512 00	134,512 00	5/ 3/11	100	10/28/15	2.24	16	26	77,580
5125	Mont.	4.00	.....								
5126	Mont.	2.24	.....	31,125 53	31,125 53	5/ 1/11	100	11/11/12	3.47	16	26, 28	21,058
5127	Wayne	3.47	.....	30,010 87	30,010 87	5/ 5/11	100	12/26/11	2.68	14, 16	26	28,687
5128	Yates	2.68	.....	39,437 65	36,907 88	6/16/11	100	7/29/12	4.50	16-50	20-50	27,192
5129	Allegany	4.50	.....	52,566 06	52,566 06	6/13/11	100	1/ 8/12	10.24	16, 34	32	43,210
5130	Steuben	1.06	.....	10,891 44	10,891 44	6/17/11	100	12/30/11	1.06	16	26	9,961
5131	Oneida	1.20	.....	46,860 09	27,718 40	4/24/12	100	1/ 8/13	0.75	16-32	33, 36	12,179
5132	Schenec.	1.27	.....	48,180 80	22,421 62	6/17/11	100	1/23/12	0.45	16	32	4,345
5133	Hamilt.	5.45	.....	84,047 91	84,047 91	6/15/11	100	12/17/12	1.27	21-29	21-38	19,640
5134	Wyom.	3.59	.....	53,771 68	53,771 68	6/16/11	100	12/17/12	4.88	16	34	45,781
5135	Dutchess	5.22	.....	65,480 48	65,480 48	6/13/11	100	7/29/12	0.67	16	34	5,365
5136	Genesee	2.89	.....	29,080 78	29,080 78	6/20/11	100	1/31/13	3.59	16	28-50	33,721
5137	Cattaraugus	8.77	.....	116,905 17	116,905 17	6/17/11	100	3/16/14	3.06	16	28	28,680
5138	Cattaraugus	1.36	.....	17,682 65	17,682 65	6/13/11	100	1/12/12	2.17	16	28	20,400
5139	Ontario	7.04	.....	86,380 78	86,380 78	6/15/11	100	11/26/12	2.89	16	32	77,118
5140	Jeffers.	5.25	.....	60,255 73	60,255 73	6/15/11	100	10/13/12	8.77	16	26-32	82,340
5141	Cortland	2.15	.....	27,382 79	27,382 79	6/16/11	100	12/17/12	1.36	16	28	12,739
5142	Livingston	4.05	.....	45,105 16	45,105 16	6/13/11	100	7/24/12	5.23	16	26, 28	50,084
5143	Onond.	5.02	.....	65,819 65	65,819 65	6/14/11	100	12/27/12	2.10	16	26	19,658
5144	Orange	3.31	.....	45,970 67	45,970 67	6/17/11	100	7/17/12	0.51	16	28	4,786
5145	Genesee	4.44	.....	44,332 95	44,332 95	6/20/11	100	12/17/12	3.10	16	28	39,053
*5146A	Genesee	0.20	.....				100	-/-/12	1.24	16	28	11,653
									0.90	16	28	8,400
									0.01	18	.....	14
									2.15	14	26	17,647
									4.06	16	22-32	38,092
									5.02	14	26	41,356
									3.31	16	28	31,077
									3.48	18	32	33,460
									0.98	16	32	9,345
									0.24	16-24	32	2,473
									0.05	24	24	688

* See Appendix B, list by counties.

† Changed from original plans.

‡ Items combined and let as one contract.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
S. Con. (d) (29)	5	Br. (17, 24)	4		2 224	24,895				
Sub.	7	Sy.	3	Asp. (3, 10)	1 220	15,445	191	0.31	Bit. Mac.	5100
S. Con. (g) (20)	5	Med. Blk.	6		3 109	33,195				
Old Mac.	5	Li.	3	Asp. (10)	0 678	10,090				
Li.	3	Li.	3	Asp. (10)	0 779	12,190			Oiled.	5101
Li.	3	Li.	3	Asp. (3) (11)	0 763	10,330			Oiled.	5102
Qrs.	3	Qrs. Bl.	3	Asp. (7, 10)	0 754	12,170			Oiled.	5103
Qrs.	3	Qrs. Bl.	3	Sc. water	0 676	10,435			Oiled.	5104
S. Con. (d) (2, 3)	5	Br. (17)	4	Asp. (7)	2 100	26,206	1915	0.06	St. Blk.	5105
App. St.	3	Sy.	3	Asp. (1)	0 757	13,601				
Tr.	3	Tr.	3	Asp. (10)	0 983	11,800	1916	1.17	F. Con.	5106
							1917	0.61	3" Bit. Mac.	5107
S. Con. (8)	5	Br. (25)	4		2 193	34,295				
Tr.	3	Tr.	3	Asp. (10)	0 787	21,098	1914	0.37	Bit. Mac.	5108
Set.	3	Set.	3	Ber. (1)	0 865	15,123			Oiled.	5109
Li., Dol.	3	Li., Dol.	3	Ber. (1)	0 692	11,106			Oiled.	5109
Grv.	3	Grv.	3		0 501	9,110				
Grv.	16	Grv.	3	HO. (10)	0 713	11,100	1917	5.31	2" Bit. Mac.	5110
Grv.	16	Grv.	3	HO. (10)	0 957	13,390				
Grv. Con. (h)	5	Grv.	3	HO. (10) Sa.	0 572	8,550	1914	1.80	Bit. Mac. M.M.	5111
Tr.	3	Tr.	3		1 099	13,500	1917	4.09	Bit. Mac.	5112
Qrs.	3	Li.	3	Asp. (1)	0 703	9,843			Oiled.	5113
Qrs.	3	Qrs.	3	Asp. (10)	0 638	9,233				
App. St.	3	Li. & Set.	3	Asp. (10)	0 729	13,232				5114
Ga., Gra.	3	Ga., Gra.	3	Asp. (10)	0 765	10,470			Oiled.	5115
		Gra.	3	Asp. (10)	0 699	9,850				5116
App. St.	3	App. St.	3	Trn. (1)	0 819	18,023	1914	6.00	Bit. Mac.	5117
App. St.	3	Set. or Grn.	3	Ber. (1)	0 607	10,432			Oiled.	5118
Li.	3	Li.	3	Asp. (10)	0 718	9,990			Oiled.	5119
Li.	5	Li.	3	Asp. (10)	0 800	11,250			Oiled.	5120
App. St.	3	Li.	3	Asp. (3)	0 839	11,640			Oiled.	5121
App. St.	3	Li.	24	Asp. (3)	0 945	11,930			Oiled.	5122
Dol.	3	Dol.	3	Asp. (10)	0 687	10,770			Oiled.	5123
Dol. Sub.	6	Dol.	3	Asp. (10)	0 838	13,820			Oiled.	5124
										5125
Li.	3	Li.	3	Asp. (10)	0 774	13,600			Oiled.	5126
App. St.	3	Li.	3	Asp. (10)	0 762	9,360				5127
Sub.	7	Li.	3	Asp. (10)	0 872	13,570				5128
Sub.	6	App. St.	3	Asp. (3)	0 992	11,155			Oiled.	5129
App. St.	3	Li.	3	Asp. (10)	0 800	9,840	1915	1.04	Bit. Mac.	5130
S. Con. (d) (10)	5	Bitu.	2		2 233	27,190				5131
App. St.	3	App. St.	3	Asp. (3)	0 987	15,495			Oiled.	
S. Con. (d) (8, 9, 10)	5	Br. (20)	4		2 072	23,895				5132
App. St.	3	App. St.	3	Ber. (1)	0 863	15,060			Oiled.	5133
Fl.	6	App. St.	3	Ber. (1)	0 962	16,021				
Li.	3	Li.	3	Asp. (3)	0 862	14,575			Oiled.	5134
App. St.	3	Set.	3	Asp. (10)	0 828	12,200				5135
Sub. 6" Set. 3"	9	Set.	3	Asp. (10)	1 110	15,710				
Imp. Li.	3	Li.	3	Asp. (10)	0 644	9,785	1916	6.21	Oiled.	5136
App. St.	3	Li.	3	Asp. (3)	0 935	12,923	1916	2.62	6" Bit. Mac.	5137
App. St.	3	Li.	3	Asp. (1)	0 821	12,714				
Grv.	4	Grv.	3	Sc. water	0 634	10,070				5138
Grv.	6	Grv.	4	Sc. water	0 842	12,020			Oiled.	5139
App. St.	3	App. St.	3	Sc. water	0 730	10,970				
Sub.	6	Li.	3	Asp. (10)	0 703	11,070				
Li. 4, Li. 2	6	Li.	3	Asp. (10)	0 792	11,900				
Li.	3	Li.	3	Asp. (10)	0 720	11,230				5140
		Li.	3	Asp. (10)	0 248					
Li.	3	Li.	3	Asp. (3)	0 876	13,545			Oiled.	5141
App. St.	3	Li.	3	Asp. (3)	0 756	10,670	1915	1.32	Bit. Mac.	5142
Li.	3	Li.	3	Asp. (10)	0 982	14,221			Oiled.	5143
App. St.	3	Set.	3	Asp. (3) (10)	0 630	13,490				5144
App. St.	3	Li.	3	Asp. (3)	0 618	9,180			Oiled.	5145
Sub.	6	Li.	3	Asp. (3)	0 672	9,690				
Li.	4	Li.	3	Sc. water						5145A
Flank.	4	Med. Blk.	4							

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5146	West....	3.34		\$57,459 01	\$57,459 01	6/15/11	100	1/ 6/14	3.34	16	28	31,305
5147	West....	1.89		69,679 19	69,679 19	6/17/11	100	12/27/12	3.63	18	28	34,094
5147	Putnam...	1.74										
5148	Broome...	3.68		50,713 12	50,713 12	6/14/11	100	13/17/12	3.68	16	24-26	34,510
5149	Putnam...	4.17		49,308 69	49,308 69	12/ 1/11	100	12/27/12	4.17	16	28	39,133
5150	Dutchess...	3.65		49,978 56	49,978 56	6/13/11	100	12/26/11	3.65	16	28	34,288
5151	Chautau...	5.19		65,320 15	65,320 15	12/ 5/11	100	12/27/12	5.19	16	28	48,715
5152	Jeffers...	0.28		8,392 92	8,392 92	6/14/11	100	2/20/12	0.28	16	24	2,635
5153	Otsego...	4.61		54,825 79	52,814 96	6/15/11	100	3/24/13	4.26	16	20	40,000
									0.35	24	32	4,907
5154	Dutchess...	4.81		54,632 92	54,632 92	6/13/11	100	8/27/12	1.89	16	28	17,772
									2.92	16	28	27,340
*5155	Albany...	5.37				6/12/11	100	11/23/16	5.37	16-25	32-35	50,720
5156	Putnam...	4.35		68,874 90	68,874 90	12/11/11	100	12/27/12	4.35	16	28	40,788
									0.81	14	14	7,209
5157	Warren...	6.55		96,245 54	96,245 54	6/29/11	100	12/17/12	4.67	16	26-22	43,849
									1.07	16	22-32	10,097
5158	Warren...	6.49		79,579 06	79,579 06	12/ 8/11	100	9/ 9/13	6.49	16	22-26	60,935
5159	Herk....	0.17		6,214 47	6,214 47	6/22/11	100	12/30/11	0.06	17 1/2	17 1/2	601
									0.11	16	26	1,018
5160	Schuyler...	1.56		29,985 64	22,485 64	12/ 5/11	100	12/17/13	0.33	30, 48	30, 48	6,091
									1.23	16	24, 32	11,554
									1.40	24	24	14,239
5161	Herk....	1.51		59,069 50	48,084 80	4/23/12	100	4/30/14	0.11	40-50	40-50	1,664
5162	Chem....	1.91		25,306 17	23,104 04	12/ 5/11	100	1/23/13	0.05	16-137	32-137	1,821
									1.86	16	24, 32	17,495
5163	Renss....	0.41		7,930 59	7,936 59	4/26/12	100	12/17/12	0.41	16	28, 32	4,200
5164	Niagara...	3.69		98,536 21	96,536 21	12/ 5/11	100	12/19/13	3.69	16	32, 38	34,820
5165	Rock....	2.16		66,785 50	66,785 50	12/ 1/11	100	12/17/12	2.16	16	22, 24	20,280
5166	Greene...	3.87		55,442 19	55,442 19	4/24/12	100	12/17/12	3.87	16	24, 26	36,360
5167	Greene...	8.60		118,696 11	118,696 11	12/ 6/11	100	12/17/12	8.16	14, 16	24, 26	67,874
									0.44	14	24	3,577
5168	Tioga....	5.30		44,418 19	44,418 19	12/ 6/11	100	11/26/12	5.39	16	24-28	49,763
5169	Ulster...	3.57		48,861 15	48,861 15	12/ 5/11	100	3/11/16	3.57	16	30	33,500
5170	Herk....	1.35		59,463 74	38,936 98	4/24/12	100	7/31/14	1.35	20-40	29-49	17,493
5171	Oswego...	2.01		30,746 53	30,746 53	12/ 5/11	100	12/17/12	2.01	16	26-28	18,831
5172	Erie....	2.92		84,648 67	84,648 67	5/ 3/12	100	7/ 9/13	2.92	16	32, 38	27,564
5173	Ulster...	4.96		75,273 83	75,273 83	12/21/11	100	11/ 8/14	1.53	16	28	14,375
									3.43	16	28	32,148
5174	Cattaraugus	0.12		92,397 55	71,558 02	12/ 5/11	100	3/ 3/14	3.66	16	28	34,386
5174	Allegany...	4.56							1.02	16-46	16-46	16,039
5175	Jeffers...	0.40		7,906 37	7,906 37	5/ 7/12	100	9/23/12	0.40	16, 18	18, 32	3,320
5176	Orange...	1.10		41,546 98	41,546 98	5/ 9/12	100	12/17/12	2.18	16	38	20,460
5176	Ulster...	1.08										
5177	Ulster...	3.30		54,824 46	50,994 89	12/21/11	100	6/18/14	3.64	15	26-28	34,133
5177	Dela....	1.34										
5178	Rock....	2.20		30,828 39	30,828 39	12/ 6/11	100	12/17/12	1.74	16	26	16,370
									0.46	16	26	4,267
5179	Essex...			68,934 33	68,934 33	12/ 4/11	100		6.78	14-16	21, 26	
5179A	Essex...	6.78		43,751 09	43,751 09	9/ 1/14	100	2/15/17	6.67	14, 16	24, 32	55,282
									0.11	16	32	1,054
5180	Essex...	5.39		71,497 41	71,497 41	12/ 1/11	100	6/23/14	5.39	16	22-26	59,629
5181	Essex...	3.94		50,451 56	50,451 56	12/ 4/11	100	12/10/13	3.94	16	28	37,022
5182	Essex...	5.29		86,856 77	86,856 77	12/ 4/11	100	12/17/12	5.29	16	22, 26	49,618
5183	Essex...	3.70		40,860 22	40,860 22	13/ 8/11	100	12/31/12	1.37	16	26, 32	12,871
									2.33	16	26, 32	21,860
5184	Essex...	2.54		26,850 79	26,850 79	12/ 8/11	100	8/27/13	2.54	16	26	23,822
5185	Warren...	6.57		85,697 51	85,697 51	12/ 4/11	100	12/17/12	4.12	16	26	38,705
									2.44	16	26-28	22,938
5186	Essex...	6.33		102,785 67	102,785 67	12/ 4/11	100	12/ 4/13	6.33	16	26	59,470
5187	Essex...	5.69		88,046 88	88,046 88	12/ 4/11	100	12/20/13	5.69	16	26	53,442
5188	Essex...	4.63		69,631 21	69,631 21	12/ 4/11	100	12/ 4/13	4.63	16	26	43,499
5189	Hamilton	8.43		111,285 88	111,285 88	12/ 1/11	100	12/23/14	8.43	16	26	79,134
5190	Tomp....	1.06		17,791 15	17,791 15	12/12/11	100	11/11/13	1.06	16	28	9,908
5191	Clinton...	6.89		76,174 49	76,174 49	12/ 8/11	100	2/10/14	6.89	16	26, 32	65,809

* See Appendix B, list by counties.

† Changed from original plan.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERCENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
App. St.	3	App. St.	3	Asp. (20)	0.633	16,640			Oiled	5146
App. St.	3	App. St.	3	Asp. (10)	0.672	18,740				5147
Sub.	6	Sat.	3	Asp. † (10)	0.896	13,702			Oiled	5148
Sub.	6	Grn.	3	Asp. (10)	0.699	11,635				5149
App. St.	3	Grn.	3	Asp. (10)	0.943	13,381				5150
Grv. Con. (h) (16)	6			T. (16), HO (3) Asp. (19)	0.636	11,415			Oiled	5151
Sub.	6	Li.	3	Asp. (10)	0.791	31,510			Oiled	5152
Sub.	6	Li.	3	Asp. (3)	0.842	11,351			Oiled	5153
App. St.	3	Li.	3	Asp. (3)	0.824	11,172				5154
App. St.	3	App. St.	3	Asp. (2) (10)	0.646	11,150				5155
Sub.	6	App. St.	3	Asp. (2) (10)	1.070	16,096				5156
App. St.	3	App. St.	3	Asp. (3)	0.683	15,060				5157
8 Con. (9)	5	Br. (28)	4	Asp. (3)	2.345	28,060				5158
Sub.	10	App. St.	3	Asp. (10)	0.763	13,000			Oiled	5159
App. St.	3	App. St.	3	Asp. (10)	0.636	12,020			Oiled	5160
Sub.	6	App. St.	3	Br. (1)	0.738	12,067			Oiled	5161
8 Con. (7)	5	Wd. Blk.	4		5.083	79,075				5162
Do	4	Del.	3	Asp. (1)	0.895	41,031				5163
Grv. Con. (d) (16)	5	Br. (11)	4		1.996	22,725				5164
App. St.	3	App. St.	3	Asp. (10)	0.876	12,210			Oiled	5165
8 Con. (d) (a)										5166
(9, 10, 15)	5	Bitu.	2		2.064	35,318				5167
8 Con. (d) (b)										5168
(9, 10, 15)	5	Brick (2)	4		1.807	30,842				5169
Grv. Con. (h) (3)	5	Br. (11)	4		1.975	21,000				5170
App. St.	3	App. St.	3	Asp. (10)	0.886	11,580			Oiled	5171
App. St.	3	App. St.	3	Asp. HO. (10)	1.090	19,060				5172
Grv. Con. (4, 16)	5	Br. (9)	4		2.194	24,515				5173
Lo. St.	3	Tr.	3	Asp. (10)	0.681	30,720			Oiled	5174
Sub.	6	App. St.	3	Asp. HO. (10)	0.709	14,130				5175
Sub.	6	Lo. St.	3	So., water	0.836	14,720				5176
Sub.	6	Lo. St.	4	So., water	0.947	16,010				5177
Tr.	3	Grv.	7	Grv. HO. (10)	0.436	8,251	1916	1.20	2½' Bit. Mac.	5178
Grv. Con. (h) (8)	5	Bitu.	2	Asp. (10)	0.651	12,000				5179
App. St.	3	App. St.	3	Asp. (3)	2.140	35,760			Oiled	5180
Grv. Con. (4, 16)	5	Br. (10)	4		0.904	15,055			Oiled	5181
Fld.	10	App. St.	3	Sc., water	1.857	26,990				5182
Fld.	6	App. St.	3	Sc., water	0.773	17,590				5183
Sub.	6	Li.	3	Sc., water	0.584	15,810				5184
Grv. Con. (d) (16)	5	Br. (25)	4	Li. HO. (3)	0.912	14,040				5185
Sub.	6	App. St.	3		1.897	23,290				5186
Sub.	6	App. St.	3	Asp. (7)	0.794	18,110				5187
Sub.	6	App. St.	3	Asp. (1)	0.850	19,090				5188
Sat.	3	Sat.	3	Trn. (17)	4.581	14,090				5189
Lo. St.	3	Lo. St.	3	Asp. (10)	0.704	14,170				5190
Lo. St.	3	Lo. St.	3	Asp. (10)	0.623	13,410				5191
Grv. Con. (d)	6			(8, 9)	0.654	7,120				5192
Old 8 Con.		App. St.	3	T. (17)	0.941	9,810				5193
App. St.	6	App. St.	3	Trn. (1)	0.811	13,278	1914	5.39	Bit. Mac.	5194
Sub.	6	App. St.	3	Asp. (1)	0.761	12,040	1914	3.94	Bit. Mac.	5195
Sub.	6	App. St.	3	Trn. (1)	0.812	10,330	1914	5.33	Bit. Mac.	5196
Sub.	6	App. St.	3	Trn. (1)	0.839	11,500	1914	3.70	Bit. Mac.	5197
App. St.	4	App. St.	3	Trn. (1)	0.794	10,790				5198
Sub.	6	App. St.	3	Trn. (1)	0.755	10,990			Oiled	5199
Sub.	7	App. St.	3	Trn. (1)	0.758	13,134			Oiled	5200
Sub.	6	App. St.	3	Asp. (10)	0.757	12,843				5201
Sub.	6	App. St.	3	Trn. (1)	0.731	16,272			Oiled	5202
Sub.	6	Anor. Gu.	3	Trn. (1)†	0.883	15,550			Oiled	5203
Sub.	6	App. St.	14	Trn. (1)†	0.959	15,079			Oiled	5204
Sub.	6	Grn. Gu.	4	Asp. (1)	0.827	13,190			Oiled	5205
Sub.	6	Li.	3	Asp. (3)	0.804	16,540			Oiled	5206
Li.	4	Li.	3	Asp. (1) (7)	0.717	10,751			Oiled	5207

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 184 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5192	Ulster...	0.24		\$12,198 11	112,198 11	12/ 6/11	100	12/17/12	0 16	14	15, 24	1,348
5193	Erie.....	2.84		70,046 58	70,046 58	4/24/12	100	12/27/12	0 08	14	15, 24	652
5194	Fulton....	1.11		13,428 77	13,428 77	6/12/12	100	12/17/12	2 84	16	38	26,658
5195	Scho.....	5.05		87,803 93	87,803 93	5/ 8/12	100	2/27/14	1.11	16	26	10,419
5196	Renss....	0.67		8,127 05	8,127 05	6/11/12	100	5/31/13	5.05	14	26	41,512
5197	Clinton..	1.79		15,767 97	15,767 97	9/23/12	100	1/15/14	0.67	16	26	6,400
5198	Greene....	4.62		55,505 40	55,505 40	6/12/12	100	11/26/13	1.79	16	26-32	16,800
5199	Clinton..	8.25		86,833 32	86,833 32	9/18/12	100	12/15/13	4.62	16	28	43,488
5200	Broome...	0.43		141,245 70	131,668 55	5/ 7/12	100	10/ 6/13	8.25	16	22-30	77,320
5201	Chen.....	5.18							5.61	16-60	24-62	56,862
5201	Chautau...	1.48		59,580 46	39,674 11	4/24/12	100	1/15/14	1.07	16-27	30-32	13,047
5202	Otsego....	1.93		43,482 77	26,192 51	4/25/12	100	1/24/13	0.41	18-27	32-34	5,422
5203	Putnam...	9.80		164,238 60	164,238 60	4/24/12	100	12/31/12	1.93	16-37	26-38	28,365
									9.80	16	28	92,027
									1.97	10	26	18,453
5204	Steuben...	6.37		61,551 96	61,551 96	5/ 9/12	100	1/23/13	2.73	15	26-28	24,031
									1.29	15-16	26-28	11,827
5205	Saratoga...	5.38		65,690 96	65,690 96	4/26/12	100	12/31/12	0.38	15-16	26-28	5,122
5206	Tomp.....	1.54		43,319 87	41,500 00	4/25/12	100	11/26/12	5.38	14-16	26	46,626
5207	Chem.....	5.47		69,061 69	69,061 69	6/21/12	100	10/14/14	1.54	16-24	30-38	15,367
									5.47	16	26	51,340
									0.34	16	30	3,177
5208	Chem.....	8.80		145,536 30	145,536 30	6/13/12	100	1/12/14	10.17	16	26-30	95,480
	Schuy.....	3.19							0.52	16	26	4,723
									1.09	16	26	10,192
5209	Herk.....	3.07		62,363 17	62,363 17	4/26/12	100	11/26/12	3.07	16	28	28,778
5210	Orange....	6.12		88,188 57	88,188 57	5/ 9/12	100	2/ 8/14	6.12	16	28	57,447
5210A	Orange....	0.48		5,525 65	5,525 65	4/ 3/14	100	7/ 8/14	0.48	16	28	4,469
5210B	Orange....	0.18		2,223 10	2,223 10	8/19/14	100	12/ 7/14	0.15	16	28	1,435
									0.03	16	28	342
5211	Steuben...	8.02		108,743 74	108,743 74	5/ 1/12	100	5/21/14	0.31	16	28	3,496
									7.72	14-16	24-28	70,233
5212	Steuben...	3.94		40,389 32	40,389 32	4/27/12	100	1/23/13	2.44	16	26	22,908
									1.59	16	26	14,105
									2.21	17	26	20,938
5213	Tomp.....	4.34		59,296 79	59,296 79	4/20/12	100	12/17/12	0.77	16	26	7,246
									1.34	16	26	12,531
5214	Tomp.....	5.09		75,047 38	75,047 38	4/24/12	100	12/23/13	5.09	16	26	47,778
5215	Tioga.....	9.95		110,536 93	110,536 93	6/13/12	100	4/27/15	10.72	16	26	100,644
5215	Broome...	0.77										
5216	Chen.....	1.06		16,899 85	16,899 85	4/24/12	100	12/17/12	1.06	16	30	10,219
*5217	Chautau...	1.14		18,978 31	18,978 31	9/17/12	100		1.14	16	32	10,606
									5.81	16	32	54,589
5217A	Chautau...	6.82				11/ 2/14	100		0.42	16	32	3,911
									0.59	16	32	5,529
5218	Chem.....	4.27		55,983 26	55,983 26	6/17/12	100	12/10/13	4.27	16	24-26	40,081
5219	Herk.....	2.47		104,404 89	56,726 22	4/23/12	100	11/18/14	2.47	16-39	17-39	35,094
5220	Niagara...	4.87		135,185 55	109,025 98	5/ 3/12	100	8/14/13	4.87	16-28	28-32	54,468
5221	Oswego....	4.69		69,064 63	69,064 63	4/23/12	100	7/ 2/13	2.08	16	30	10,527
									2.61	16	30	24,497
5222	Renss....	5.93		73,751 60	73,751 60	5/ 3/12	100	10/15/13	5.93	16	22-26	51,928
									0.40	16	26	3,733
5223	Sullivan...	8.53		151,547 76	151,547 76	5/ 1/12	100	6/23/15	8.53	16	24-28	80,086
5224	Steuben...	9.45		99,930 08	99,930 08	4/17/12	100	1/23/13	9.45	15	26-28	83,120
5225	West.....	0.53		15,899 80	15,899 80	4/30/12	100	10/ 6/13	0.53	16	25	4,074
5226	Tomp.....	7.01		94,998 63	94,998 63	4/25/12	100	9/11/14	3.67	16	30	34,507
									3.34	16	30	31,308
5227	Warren...	4.58		73,135 15	73,135 15	5/ 1/12	100	10/30/13	4.58	16	22-26	43,023
5228	Clinton..	2.21		26,913 32	23,404 79	10/17/12	100	1/ 4/14	0.35	16	26	3,328
									1.89	16-40	26-40	19,982
5229	Otsego....	4.71		72,232 35	72,232 35	3/ 7/14	100	2/19/15	4.71	16	26	44,212
5230	Saratoga...	7.52		84,621 48	84,621 48	6/14/12	100	1/ 2/15	4.90	14-16	26	41,140
									2.62	14-16	26	22,340
5231	West.....	5.22		61,020 66	55,252 96	6/26/12	100	12/27/12	2.66	20	28	31,108
									2.58	16	24	23,888
*5232	Suffolk...			10,302 86	10,302 86	10/30/12			11.58			
*5232A	Suffolk...			185,701 07	185,701 07	5/16/14	100	7/31/17	11.58	10	28-32	109.09

See Appendix B, list by counties.

† Changed from original plans.

1893 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAYMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
App. St.	3	App. St.	3	Asp. (10)	0.700	52,030	}			5192
S Con. (16)	5	App. St.	3	Asp. (10)	0.515	50,290				
App. St.	6	Br. (25)	4	Asp. (1)	2.049	24,660				5193
Sub.	6	App. St.	3	Asp. (1)	0.921	12,100			Oiled	5194
Grv. Con. (h) (10)	5	App. St.	3	Sec. water	1.199	18,781			Oiled	5195
Old Mac.	6	Tr.	1	T. (17) HO. (3)	0.924	12,130			Oiled	5196
Sub.	6	Sat.	3	Asp. (3)	0.584	8,615				5197
Sub.	6	App. St.	3	Sec. water	0.732	12,010				5198
Sub.	6	App. St.	4	Sec. water	0.624	10,530				5199
H Con. (8) (9)	4			Sec. T. (17)	1.706	21,885				5200
Grv. Con. (h) (16)	5	Br. (15)	4		1.794	31,830	}			5201
Grv. Con. (h) (16)	8	Br. (15)	4		2.111	34,790				
Li.	3	Li.	3	Bar. (1)	0.965	17,005			Oiled	5202
Sub.	6	Gn.	3	Bar. (1)	0.958	16,390				5203
Sub.	6	App. St.	24	Sec. water	0.523	7,245				
Grv.	6	App. St.	24	Sec. water	0.959	11,295			Oiled	5204
Sub.	12	App. St.	24	Sec. water	0.735	9,249				
Sub.	6	App. St.	3	Asp. (1)	0.983	11,310				
Grv. Con. (d) (6)	5	Br. (10)	4	HO. (10)	0.951	12,870	1917	3 12	3' Bit. Mac.	5205
Sub.	7	Li.	3	Sec. water	2.050	26,457				5206
Grv. Con. (g) (13)	5	Br. (10)			0.782	12,631			Oiled	5207
Sub.	6	Tr.		Sec. water	1.994	22,805				
Sub.	6			HO. (10)	0.918	12,705				
Grv.	3				0.293		1916	10 33	Oiled	5208
Grv. Con. (h) (1)	3	App. St.	2	Asp. () MM-1	0.367					
App. St.	3	App. St.	3	Asp. (1)	1.698	19,941				5209
App. St.	3	App. St.	3	Asp. (7)	0.876	14,410				5210
App. St.	3	App. St.	3	Asp. (10)	0.887	11,510				5210A
Sub. 8" App. St. 2"	10	App. St.	3	Asp. (10)	0.978	12,050				5210B
Grv. Con. (d) (16)	5	Br. (10)	4	Asp. (10)	1.082	13,030				
Grv.	6	Grv.	24	Sec. water	2.083	36,981	1917	7 72	2 1/2" Bit. Mac.	5211
Sub.	6	App. St.	1	Sec. water	0.613	12,859				
Sub.	6	App. St.	1	Sec. water	0.571	10,140	1915	3 94	2 1/2" Bit. Mac.	5212
App. St.	3	App. St.	3	HO. (4) Glu	0.699	10,477				
Sub. 6" App. St. 3"	9	App. St.	3	Sec. water	1.030	12,990			Oiled	5213
Sub.	6	App. St.	3	HO. (1)	1.380	16,215				
F. L.	6	App. St.	3	HO. (1)	1.080	13,361				
Grv.	6	Li.	3	Asp. (10)	0.895	14,745			Oiled	5214
	6	Li.	3	Sec. water	0.869	10,311	1917	0 76	3' Bit. Mac.	5215
Fid.	6	Li.	3	Sec. water	0.888	15,055			Oiled	5216
Grv. Con. (4)	6			Glu., HO. (4)	0.617	16,290				5217
		F Con. (4)	6							5217A
Grv.	6	F Con. (4)	6							
Sat. Sub.	6	Li.	3	Sec. water	0.665	13,210			Oiled	5218
S Con. (h) (8, 10)	3	Br. (9)	4		2.179	28,041				5219
Grv. Con. (16)	5	Br. (9)	4	Asp. (1)	1.879	23,941				5220
Lo. St.	4	Lo. St.	3	Asp. (1)	1.090	12,800			Oiled	5221
Sub. 6" Lo. 4"	10	Lo. St.	3	Asp. (1)	1.309	15,745				
Sub.	6	App. St.	3	Sec. water	0.743	12,315				5222
Sub. 6" App. St. 6"	12	App. St.	3	Sec. water	0.943	14,231				
		H Con. (6)	6	HO. (10)	1.220	17,740	1917	8 51	2 1/2" Bit. Mac.	5223
Sub.	6	Li.	3	Sec. water	0.815	10,940			Oiled	5224
Sub.	6	App. St.	3	Sec. water	0.993	30,000			Oiled	5225
Sub.	6	App. St.	3	Asp. (1)	0.907	13,383			Oiled	5226
App. St.	3	App. St.	3	Asp. (1)	0.836	12,883				
S Con. (d) (9)	6			T. (7) HO. (3)	0.760	16,123				5227
Sub.	6	App. St.	3	Asp. (7)	0.902	11,995				5228
App. St. 1"	3	App. St.	3	Asp. (7)	0.784	10,883				
Sub.	6	Li.	3	Sec. water	0.770	15,371			Oiled	5229
Sub.	6	Sat.	3	Asp. (1, 7)	0.734	11,371			Oiled	5230
Sub. 6" App. St. 6"	12	Sat.	3	Asp. (1)	0.930	13,198				
App. St.	3	Grv.	24	Asp. (1) MM	1.000	12,770			Oiled	5231
App. St.	3	App. St.	3	Asp. (1)	0.554	8,370				5232
Con. (3, 14, 17)	5-P	Tr.	24	Asp. (11) MM	1.283	14,850				5233

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5232	Suffolk...	11.85		\$106,003 98	106,003 98				11.58	16	32-28	100,091
5232A	Suffolk...											
5233	Greene...	3.39		45,462 52	45,462 52	6/17/12	100	12/23/13	2.81	16	26	26,419
									0.58	16	26	5,404
5234	Sullivan...			116,442 08	116,442 08	6/17/12			8.32	14	26	68,364
						3/23/15						
5234A	Sullivan...	8.44				4/ 1/16	100	12/30/17	0.39	14	26	3,200
									0.19	14	26	1,556
5235	Essex...	3.69		55,272 67	55,272 67	6/12/12	100	10/30/13	7.86	14	26	64,558
									3.12	16	26	29,263
5236	Essex...	6.06		87,550 49	87,550 49	6/11/12	100	4/21/14	0.57	16	26	5,576
5237	Albany...	4.23		58,727 07	58,727 07	6/11/12	100	11/29/13	6.06	16	26	56,958
5238	Essex...	6.21		92,821 94	92,821 94	6/12/12	100	10/15/13	4.23	16	26-30	39,710
5239	Essex...	6.15		97,229 79	97,229 79	6/12/12	100	12/23/14	6.21	16	22-26	5,276
*5240	Otsego...			18,523 65	18,523 65	6/13/12	100		6.18	16	26-32	57,973
5240A	Otsego...			59,383 57	59,383 57	5/15/14	100	8/17/15	5.68	16	26	53,539
5240	Otsego...	5.68		77,907 22	77,907 22		100		5.68	16	26	53,539
5240A	Otsego...											
*5241	Broome...			30,393 13	30,393 13	6/11/12	100		3.16	16	26	29,456
5241A	Broome...			40,065 96	40,065 96	5/26/15	100	11/29/16	3.16	16	28	29,634
5241	Broome...	3.16		70,459 09	70,459 09		100					
5241A	Broome...											
*5242	Broome...	3.26		25,480 35	25,480 35	6/12/12	100	4/ 4/16	3.26	16	26	30,581
									0.75	16	26	5,743
*5243	Broome...			76,547 38	76,547 38	6/14/12	100		4.07	16	26	38,162
									6.10	14	26	1,565
5243A	Broome...			70,883 83	70,883 83	10/16/14	100	2/15/17	0.72	16	28	6,743
									3.84	16	28	36,089
5243B	Broome...			24,283 35	24,283 35	10/17/14	100	10/28/15	0.92	16	26	8,669
									3.13	16	26	29,392
5243	Broome...								3.84	16	28	36,089
5243A	Broome...								0.72	16	28	6,743
5243B	Broome...	8.82		171,714 56	171,714 56		100		0.92	16	26	8,669
									3.15	16	26	29,493
									0.19	14	26	1,565
*5244	Cayuga...	11.52		151,075 17	151,075 17	11/30/12	100	6/19/14	7.66	14-16	26-28	65,796
									3.86	14-16	26-28	32,279
*5245	Chautau...			4,451 57	4,451 57	9/17/12			5.95			
5245A	Chautau...			96,266 45	96,266 45	11/ 2/14	100	11/17/16	5.95	16	32-36	56,160
5245	Chautau...	5.95		100,718 02	100,718 02				5.95	16	32-36	56,160
5245A	Chautau...											
5246	Dela...	6.45		106,588 50	106,588 50	4/ 2/14	100	6/ 4/15	5.48	14	21-24	53,186
*5247	Otsego...			39,247 40	37,960 94	6/13/12						
5247A	Otsego...			136,784 83	133,516 05	5/12/14	100	12/ 3/15	4.50	16	26	42,214
									6.72	16	26	65,196
5247	Otsego...								4.50	16	26	42,214
5247A	Otsego...	12.22		176,032 23	171,476 99				1.00	16-35	26-38	12,122
									6.72	16	26	65,196
5248	Oneida...	16.77		268,930 30	268,930 50	6/13/12	100	11/27/14	18.00	16	26	169,187
5248	Herk...	1.23										
5249	Onond...	4.84		74,018 43	74,018 43	6/13/12	100	12/27/12	2.62	16	30	24,633
									2.22	16	30	20,820
5250	Oswego...	7.00		96,830 24	96,830 24	9/18/12	100	11/ 6/13	7.00	16	30	67,000
5251	Oswego...	4.25		51,832 49	51,832 49	6/12/12	100	12/31/12	4.25	16	26-30	40,626
5252	Ontario...	7.37		87,014 99	87,014 99	7/ 2/12	100	10/24/13	7.37	14	28	60,726
*5253	Steuben...			\$.....	\$.....	6/14/12	100		7.14	16	24-26	66,978
									2.10	16	26	
5253A	Steuben...			27,725 37	27,725 37	9/19/13	100		0.97	16	26	9,133
									1.86	16	26	17,484
5253B	Steuben...			19,188 78	19,188 78	10/20/14	100		0.21	16	26	1,988
									0.49	14	26	5,645
5253C	Steuben...			42,818 72	42,818 72	6/30/14	100	5/28/15	4.27	14	20-24	35,877
									2.23	16	26	20,918
5253D	Steuben...			45,216 31	45,216 31	8/18/14	100	1/23/15	0.27	16	26	2,337
									3.69	16	26	36,501
5253E	Steuben...			46,466 18	46,466 18	8/31/15	100	1/ 3/17	4.80	14	26	39,500
									0.69	14	26	5,645

* See Appendix B, list by counties.

† Changed from original plans.

‡ Accounts never closed.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PAVEMENT PAYMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
8 Con. (3,14,17)	5-P	Tr.....	2½	Asp. (11) MM.	T. (17) Grv..	1.283 15,740				5232
Sub.	6	App. St.	3	Asp. (10)		0.652 12,896			Oiled.....	5232A
Sub. 6" App. St. 6"	12	App. St.	3	Asp. (10)		0.981 15,902				5233
Set.....	3	Set.....	3	Asp. (1, 8)		0.711 14,730				*5234
Set.	3	Set.	3	Asp. (10)	Tr., CO.					
Old Mac., Set.	3	Set.	3	Asp. (10)	Tr., CO.					5234A
Old Mac.	6	App. St.	3	Asp. (10)	Tr., CO.					
Sub.	6	App. St.	3	Asp. (10)		0.857 14,364			Oiled.....	5235
Grv. 6", Fld. 6"	12	App. St.	3	Asp. (10)		1.270 18,335				
8 Con. (d) (9,10)	6					0.611 13,245				5236
8 Con. (d) (8)	6				HO(10) T(17)	1.050 13,884				5237
Sub.	6	App. St.	3	Asp. (7)		0.778 14,976				5238
Sub. 6" App. St. 6"	12	App. St.	3	Asp. (1)		0.828 16,075			Oiled.....	5239
Li.	4½	Li.	3	Sc., water		0.790 10,450				*5240
Li.	4½	Li.	3	Sc., water		0.790 13,720				5240A
Sub.	6	App. St.	1	HO. (10)		0.534 9,393				*5241
Old Mac. Lo. St.	2	Li.	3	Sc., water	L. C. T. (17)	0.694 12,571				5241A
Sub. (puddled).	6	Lo. St.	1	Sc., water	HO (1)	0.448 7,815				*5242
Sub.	6					0.375				
Sub.	6	Lo. St.	3	Ber. (1)		1.167				*5243
Sub.	6	Br.	4			1.935				
Set.	4½	Li.	3	Asp. (10)		0.802				5243A
		Tr.	2	Asp. (10)		1.133 16,275				
		Tr.	2	Asp. (11)		0.693 8,750				5243B
		Tr.	1	HO. (11)		0.334 5,475				
Lo. St.	4½	Li.	3	Asp. (11)		1.133 17,265				
Sub.	6	Li.	3	Asp. (11)		1.177 16,630				5243
Sub.	6	Lo. St. & Tr.	5	Asp. (11)		1.840 21,000				5243A
Sub.	6	Lo. St.	4	Asp. (11)	Tr. HO (11)	1.501 20,721				5243B
Sub.	6	Br. (23)	4			1.935 24,793				
Grv.	6	App. St.	3	T. (17)		1.080 13,350			Oiled.....	5244
Grv. 6", Grv. 6"	12	App. St.	3	T. (17)		1.390 16,297				*5245
		F Con. (16)	7-P			1.233 15,090				5245A
		F Con. (16)	7-P			1.233 15,330				5245
Sub.	3	App. St.	3	Asp. (10)		0.852 13,250				5245A
Li.	4½	Li.	3	Sc., water		0.767 11,297				5246
Li.	4½	Li.	3	Asp. (10)		1.128 14,168			Oiled.....	5247A
Sub.	3	Li.	3	Sc., water		0.587 9,630				
Li.	4½	Li.	3	Sc., water		0.757 14,390				
Li.	4½	Li.	3	Asp. (10)		1.128 17,780				5247
Sub.	3	Li.	3	Sc., water		0.587 12,779				5247A
Gn. Grn.	3	Gn. Grn.	3	Ber. (17)		0.946 14,220			Oiled.....	5248
Grv. Con. (b) (6)	6				T. (17)	1.186 14,361				
Grv. 6" Grv. Con. (b) (6)	6				T. (17)	1.380 16,218		1916	4.84 2" MM-2.....	5249
Sub.	6	H Con (10)	5-P		Doly.	1.082 13,440			Oiled.....	5250
Grv. Con. (b) (1)	6				T. (16), HO	0.810 11,300				5251
8 Con (17)	6				(3, 4)	0.926 12,709			Oiled.....	5252
Sub.	6					0.383 8,460				*5253
(Grading)						2,800				
Grv. 8 Con.	5				T. ()	0.813 8,440				5253A
Grv. 8 Con. (Old sub.)	5	St.	3	Sc., water		0.750 7,558				5253B
Sub.	5					0.760 10,030				
Sub.	6	Sl. & Li.	2	Sc., water		0.450 7,120				5253C
(Old conc.)					T. (), Slag.	0.003 10,745				
(Old sub.)		F Con.	5			0.206				5253D
(Old sub.)		Slag.	3	Sc., water		1.236 14,300				5253E
Sub.	6	Grv.	3	Sc., water	T. (), Slag.	0.569 8,040				
Old (sub), Grv.	2	Grv.	3	Sc., water	T. (), Slag.	0.591 7,730				5253F
						0.346 5,430				

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5253	Steuben	16.96							5.49 0.21 3.89 4.27 2.83 0.27 3.92	14 16 16 14 16 16 16	26 26 26 24-26 16 26 26	47,145 1,968 36,501 35,877 26,617 2,537 36,976
5254	Steuben	3.92		\$31,059 78	\$31,059 78	6/15/12	100	11/12/13				
5255	Steuben	3.85		26,626 50	26,626 50	7/22/12	100	8/21/13	3.09 0.76	16 16	28 28	29,060 7,094
5256	Tomp...	3.10		38,516 25	38,516 25	6/13/12	100	9/4/13	3.10	16	28	29,119
5257	Tioga	9.71		138,791 67	133,950 82	6/17/12	100	9/28/14	9.51 0.20	16 30	26 30	89,284 3,702
*5258	Cattaraugus	1.40		53,618 46	41,604 61	6/14/12			1.40	16-47	25-47	18,333
5258A	Cattaraugus	5.34		89,821 34	81,985 50	3/29/15	100	8/22/17	4.74 0.60	16-21 16-26	26-32 24-32	44,529 8,039
*5259	Cattaraugus	2.56		62,718 19	39,917 66	9/18/12	100	2/8/15	1.39 1.17	23-40 12	28-40 32	21,870 8,281
5259A	Cattaraugus	4.27		63,857 27	63,857 27	6/9/15	100	1/3/17	4.27	16, 20	32-36	40,625
5260	Chen...	3.01		36,514 54	36,514 54	6/13/12	100	10/6/13	3.01	16	30	28,345
5261	Chen...	4.43		63,580 91	63,530 91	6/10/12	100	11/12/13	4.43	16	26-30	41,609
*5261A	Chen...											
5262	Chautau	2.15		59,701 72	46,341 06	6/25/12	100	12/18/14	2.15	16-38	30-38	25,328
*5263	Chautau			12,012 31	12,012 31	9/17/12			5.47			
5263A	Chautau			89,912 70	89,912 70	11/2/14	100	8/15/17	5.35 0.12	16-32 16	32-40 32	50,544 1,173
5263	Chautau	5.47		101,925 01	101,925 01				5.35	16-32	32-40	50,544
5263A	Chautau								0.12	16	32	1,173
5264	Cattaraugus	4.50		63,776 46	63,776 46	8/8/12	100	10/27/14	4.50	16	32	42,292
*5265	Cattaraugus	3.37				6/14/12	100	10/11/16	2.43 0.94	16 21	32 44	22,775 13,389
5265A	Cattaraugus	0.93		53,765 34	20,863 52	7/16/15	100	12/28/16	0.93	20-44	20-44	19,031
5266	Jeffers	7.31		87,033 98	87,033 98	6/14/12	100	10/6/13	3.91 1.04 2.26 0.10	16 16 16 16	28 28 28 28	13,733 9,778 21,190 935
5267	Jeffers	8.41		83,587 66	83,587 66	6/14/12	100	8/14/14	8.41	16	28	78,979
5268	Hamilt.	5.97		109,299 89	109,299 89	6/12/12	100	6/11/14	5.97	16	26	56,083
5269	Jeffers	13.42		141,713 83	141,713 83	6/11/12	100	11/4/14	13.42	14, 16	28	124,938
*5269A	Jeffers								0.32	16	28	3,033
5269B	Jeffers	0.49		5,863 81	5,863 81	3/20/15	100	6/11/15	0.17	16	28	1,491
5270	Livingston	6.92		89,902 06	87,141 03	6/15/12	100	3/3/14	5.68 1.24 1.34	16-24 16 16	28-46 28 28	55,592 11,644 12,546
5271	Livingston	5.50		77,956 03	71,325 30	6/11/12	100	6/4/14	0.20 2.23 1.73	40-110 28-43 16	40-110 21,010 23-28	7,097 21,010 16,266
5272	Livingston	4.26		57,314 76	57,314 76	6/12/12	100	12/15/13	4.26	12-16	22-30	33,228
5273	Livingston	6.30		75,530 72	75,530 72	6/12/12	100	11/12/13	6.30	16	32	59,090
5274	Onondaga	10.33		139,725 05	139,725 05	6/13/12	100	10/24/13	4.68 5.65	16 18	30 26, 30	43,947 53,040
5274A	Onondaga	0.18		2,821 13	2,821 13	10/29/15	100	7/12/16	0.18	16	22-24	1,650
5275	Oswego	8.15		111,921 92	97,752 85	6/12/12	100	3/31/14	5.15 2.72 0.21	16 16 40-47	30-32 30 42-49	48,395 25,530 5,800
5276	Oswego	6.17		95,547 75	95,547 75	6/11/12	100	1/15/14	0.04 5.11 1.06	40-47 16 16	42-49 30 30	1,075 48,253 9,920
5277	Saratoga	1.03		31,880 62	22,125 33	6/14/12	100	10/23/13	0.31 0.72	39-44 18	42-47 32-43	5,785 7,295
5278	Reusa			26,078 43	26,078 43	6/11/12				16	26	
*5278A	Reusa			46,221 57	46,221 57	11/4/14	100	1/18/16	3.12 0.21 0.33	16 16 16	26 26 26	31,700 1,930 3,110

* See Appendix B, list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION						UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles	Type		
Kind	Thickness	Kind	Thickness								
Sub.	6	Grv.	3	So. water		0.673	13,310				
Sub.	6	St.	3	So. water		1.133	17,630				
Sub.	6	Sl.	3	So. water		0.883	15,283				
Sub.	6	Sl.	2	So. water		0.603	12,650				5253
Sub.	6	S Con.	5		T & Grv.	1.349	19,650				
Sub.	6	F Con.	5			1.788	23,770				
Fld.	6	Grv.	2 1/2		CO. (10).	0.573	7,930	1916	0.97	2 1/2" Bit. Mac.	5254
								1917	0.88	2 1/2" Bit. Mac.	
								1914	3.85	WB. Mac.	5255
Sub.	6					0.406	6,196				
Sub. 6" App. St. 6"	12	Set.	3	So. water	HO. (10)	0.740	9,280			Oiled	5256
Sub.	16	App. St.	3	So. water	HO. (3, 7, 16)	0.773	13,650			Oiled	5257
Grv. Con. (d) (8)	5	Br. (10)	4			1.990	25,170				
Grv. Con. (1) (4)	5	Br. (15)	4			1.718	25,430				5258
		F Con. (5)	7P			1.083					5258A
8 Con. (1) (4, 5)	6	Br. (15)	4			1.944					
8 Con. (4)	5	Br. (9, 15)	4			1.763	21,820				5259
8 Con. (4)	5				Se. T. (17)	0.613	11,000				
		F Con. (16)	7P			1.000	14,070				5259A
Sub.	8	App. St.	3	App. (5, 7)		0.853	11,870				5260
Grv.	5	Li.	3	App. (4)		0.899	14,040				5261
Grv. Con. (g, h)	5	Br. (34)	4	(11)		1.650	23,600				5261A
		F Con. (4)	7-P			1.150	15,415				5262
Li.	5	Li.	3	So. water		1.128	15,210				5263
		F Con. (4)	7-P			1.150	17,465				5263A
Li.	5	Li.	3	So. water		1.128	17,280				
Grv. Con. (h) (11)	6				T (17) HO (17)	0.841	13,515	1917	0.80	Brick	5263
Grv. Con. (1, 4)	5	Br. (1, 14, 22)			T. (17)	1.048					5264
8 Con. (4, 11, 16)	6	Br. (22, 32)	4			1.846					5265
App. St.	3	Li.	3	So. water	HO (10)	1.630	28,630				5265A
Sub.	6	Li.	3	So. water	HO (10)	0.555	10,630				
Sub.	6	Grn.	3	App. (1)		0.965	11,660				5266
App. St.	3	Grn.	3	App. (1)		0.855	13,445				
Fld. Sub.	6	Li.	3	So. water		0.744	13,400				
Gn.	3	Gn.	3	App. (1, 13)		0.588	9,750				5267
Fld. Sub.	6	App. St.	3	App. (1)		0.927	18,205			Oiled	5268
Sub. 6" App. St. 2"	8	App. St.	3	App. (7)		0.932	10,480				5269
						1.217	17,100				5269A
					HO	0.216					5269B
Li.	2 1/2	Li.	2 1/2	App. (1)		0.941	12,100			Oiled	5270
Fld. Sub.	7	Li.	3	App. (1)		1.124	14,100				
Grv.	4	Li.	3	App. (7)		0.793	11,720				
8 Con. (1).	6				T. (16) L. Se.	0.879	12,530			Oiled	
Li.	2 1/2	Li.	3	App. (7)		0.965	13,340				5271
Fld.	6	Li.	3	App. (7)		0.929	13,000				
Grv.	4	Li.	3	App. (1)		0.830	14,785			Oiled	5272
Grv. Con. (h) (16)	6				Se. T. (16, 17).	0.787	11,500				5273
8 Con. (d) (10)		So.	1	T (17).		0.752	10,840	1916	0.88	2" Amicaste	5274
8 Con. (d) (10)		So.	1	T (17).		0.960	12,790				
App. St.	4	App. St.	3	App. (21).		1.148	16,070				5274A
App. St.	4	App. St.	2	App. (7).		0.803	11,251				
Sub. 6" App. St. 4"	10	App. St.	2	App. (7).		0.957	12,701				
8 Con. (d) (1).	6	Br. (22)	4			2.036	22,560				5275
8 Con. (d) (1).	6	St. Bk.	4			4,230	46,180				
H Con. (10)	5	H Con. (10)	5 1/2		T. (17) Se.	1.147	14,210	1917	1.73	2" Amicaste	5276
Grv. Con. (g).	5	Br. (12)	4			2.192	24,020				
Grv. Con. (g).	5	Br. (7)	4			2.327	32,430				5277
Grv. Con. (h) (3)	6				†Dolarway HO. (10)	0.849	18,570				5278
		F Con. (a) (2)	6			1.130	12,250				
App. St.	3	Qrs.	3	So. water	HC. T. (17)	0.499	6,327				5278A
		Qrs.	3	So. water	HC. T. (17)	0.749	8,073				

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5278	Renss.	3.66		72,300 00	72,300 00		100					
5278A	Renss.											
5279	Monroe	6.63		\$138,592 05	138,592 05	6/17/12	100	12/26/13	0.68 5.99	16 16	32 32	6,183 56,384
5280	Nassau	1.57		32,900 00	32,900 00	7/20/15	24		1.57	16	28	14,764
5281	Saratoga	1.77		18,779 16	18,779 16	6/13/12	100	12/31/12	1.77	16	26	16,558
5282	Seneca	6.88		89,135 39	85,687 88	6/13/12	100	9/28/14	6.88	16-50	30-56	67,778
5283	St. Law.	15.94		195,402 59	195,402 59	6/13/12	100	10/ 8/14	18.94	14, 16	28	156,800
5284	St. Law.	8.25		120,910 05	120,910 05	6/13/12	100	10/29/13	11.59	14, 16	28, 30	95,743
5284	Frank.	3.54										
5285	St. Law.	14.91		170,484 74	170,484 74	6/13/12	100	1/ 5/14	14.91	14	26-28	122,467
5286	Scho.	4.11		48,517 86	48,517 86	9/17/12	100	2/ 3/15	4.11	16	26	39,592
5286A	Scho.	0.59		10,061 33	10,061 33	11/ 4/14	100	12/ 8/15	0.59	16	26	5,561
5287	St. Law.	5.99		69,239 05	69,239 05	6/12/12	100	12/24/14	5.99	14	28	49,184
5288	St. Law.	4.87		142,530 97	73,753 82	6/27/12	100	5/12/14	2.47	16-40	20-40	50,380
5289	Toga	0.97		52,384 87	52,384 87	6/21/12	100	10/ 6/13	2.10 3.65	16-20 16	26	21,853 34,276
5289	Chem.	2.96										
5290	Wayne	7.02		93,625 91	90,417 91	6/12/12	100	1/ 7/14	6.53 0.49	16, 24 16, 40	26, 40	59,434 9,271
5291	Yates	1.75		86,033 41	47,025 06	6/12/12	100	1/ 8/13	1.75	22-40	24-40	27,117
5292	Cortland	0.87		18,540 77	13,540 77	6/12/12	100	9/ 4/13	0.87	14	26	7,175
5293	Wash.	6.01		67,246 72	67,246 72	6/30/12	100	10/23/13	6.01	16	22-32	56,445
5294	Tomp.	6.69		78,831 81	78,831 81	6/15/12	100	12/ 3/14	6.69	16	26	62,827
5295	Schuyler	4.38		82,677 08	67,874 08	7/ 1/12	100	11/ 4/14	0.41 3.97	22 16	32 26-32	8,049 37,399
5296	Sullivan	1.37		44,482 36	26,040 88	6/11/12	100	5/19/14	1.08 0.29	16-40 40	28-40	15,533 6,938
5297	Orange	3.94		53,466 52	53,466 52	6/11/12	100	7/ 9/13	2.85 1.09	16 16	28	26,770 10,288
5298	West			48,960 37	48,960 37	8/11/12			7.03	16	28	25,327
5298A	West			68,327 80	68,327 80	5/15/14	100	1/25/15	2.68 4.16	16	28	25,327 38,904
5298	West.								0.19	16	28	1,825
5298A	West.								2.68	16	28	25,327
5298A	West.								4.16	16	28	38,904
5298A	West.								0.19	16	28	1,825
5299	Suffolk	1.32		49,173 73	36,571 58	6/15/12	100	7/14/14	1.32	20-55	32-55	22,063
5300	Suffolk	1.04		17,845 98	17,845 93	7/10/12	100	12/31/12	1.04	16	32	10,400
5301	Suffolk	12.82		190,297 04	130,297 04	10/13/12	100	10/27/13	12.82	16	32-40	122,805
5302	Livingst.	6.40		86,900 35	79,456 16	6/12/12	100	1/15/14	6.40	16-38	20-40	65,238
5303	Onesida	0.82		47,322 16	20,547 58	6/27/12	100	1/22/13	0.82	20-45	26-45	18,060
5304	Jeffers	11.48		144,336 11	144,336 11	6/12/12	100	12/11/13	11.33 0.15	14, 16 16	32 32	106,336 1,383
5304A	Jeffers											
5305	Niagara	7.95		91,989 37	91,989 37	6/ 8/12	100	8/ 9/15	1.70 6.25	16	28	16,080 58,626
5306	Niagara	6.82		129,394 51	151,373 30	6/ 8/12	100	3/ 8/14	6.82	16-32	32-48	66,970
5307	Onesida	7.78		87,541 19	87,541 19	6/12/12	100	11/29/13	7.78	16	28	73,042
5308	St. Law.	2.81		33,234 47	29,861 58	6/17/12	100	12/ 2/13	2.51	16-24	32-33	27,143
5309	Lewis	1.31		70,986 27	33,867 55	6/27/12	100	12/10/13	1.31	16-30	30-63	25,970
5310	Renss.	0.95		19,928 18	13,916 72	6/11/12	100	11/29/13	0.95	120, 22	25-30	11,479
5311	Clinton	3.35		73,070 36	73,070 36	6/17/12	100	10/30/13	4.92	16	24-26	44,303
5311	Emm.	1.57										
5312	Allegany			62,013 02	43,405 02	9/17/12	100	3/30/14	1.16	16-50	21-50	16,466
5312A	Allegany			58,024 32	56,024 32	5/15/14	100	12/17/14	4.01 0.77	16	32	37,627 7,212

* See Appendix B, list of counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERMANENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Sc. Grv. Con (d)	5	Br.	4	(16)	2.168	24,955				5278
Sc. Grv. Con. (d) (16)	5	App. St.	1 1/2	Asp. (3) MM.	1.622	19,830				5278A
Sub.	6	F Con. (14)	6 1/2		1.191	31,370				5279
S Con. (16, 20)	6	App. St.	3	Asp. (1)	0.706	10,575			Oiled.	5280
Sub.	6	Gn. Grn.	3	Asp. (1)	1.075	13,650	1917	0.81	2" Amianite.	5281
Fld.	6	Grn.	3	Asp. (1, 7)	0.824	11,085			Oiled.	5282
Sub.	6	App. St.	3	Asp. (1, 7, 8)	0.908	12,380			Oiled.	5283
Fld.	6	Li.	3	Sc. water	0.303	11,510			Oiled.	5284
Fld.	6	Li.	3	Asp. (11)	0.802	16,285			Oiled.	5285
S Con. (d) (10)	5	Br. (9, 23, 27, 31)	4	Sc. water	0.794	12,175			Oiled.	5286
Sub.	8	App. St.	3	Asp. (1)	2.274	22,215				5287
		App. St.	3	Asp. (1)	0.672	8,175				5288
	8	App. St.	1	H. O. (10)	0.656	14,350	1916	0.97	2 1/2" Bit. Mac.	5289
Sub.	9	App. St.	3	Asp. (1, 8)	0.934	13,050		2.68	Oiled.	5290
Sub.	7	App. St.	3	Asp. (1, 8)	0.840	12,165			Oiled.	5291
Grv. Con. (h)	5	Br. (10)	4	(1, 24)	2.014	36,790				5292
App. St.	3	App. St.	3	Asp. (1)	0.906	16,530			Oiled.	5293
Sub.	6	App. St.	3	Sc. water	0.736	11,120			Oiled.	5294
Sub.	6	App. St.	3	Sc. water	0.797	11,630			Oiled.	5295
Grv. Con(d)(13)	5	Br. (7)	4		2.130	26,668				5296
Sub.	6	Li.	3	Sc. water	0.906	15,604			Oiled.	5297
App. St.	3	App. St.	3	Asp. (1)	0.799	15,915				5298
S Con. (d) (1, 24)	5	Br. (22)	4		2.210	28,505			Oiled.	5299
App. St.	3	App. St.	3	Asp. (7)	0.762	13,880				5300
Old Telford	3	App. St.	3	Asp. (7)	0.517	11,575				5301
S Con. (3)	6		3		0.683					5301A
App. St.	5	App. St.	3	T. (16)	0.178					5302
Sub. 6" Ap. St. 2"	8	App. St.	3	T. (16)	0.986					5302A
S Con.	6	App. St.	3	T. (16)	1.236					5303
App. St.	5	App. St.	3	T. (16)	0.986	14,850				5304
Sub. 6" Ap. St. 2"	8	App. St.	3	T. (16)	0.986	16,030				5305
Grv.	4	Grv.	2 1/2	Asp. (17) MM.	1.236	18,370				5306
Grv.	4	Grv.	2 1/2	Ber. (1) MM.	1.526	24,485				5307
		F Con. (5, 6, 14, 16, 17)	6-P		1.520	16,040				5308
Grv. Con(h)(11)	5			T(16) H.O. (4)	1.006	11,760				5309
Grv. Con. (h) (10, 13)	5	Br. (31)	4		0.793	12,070	1917	3.24	M.M.-2	5310
Sub.	6	App. St.	3	Asp. (1)	2.076	25,321	1917	1.05	2 1/2" Bit. Mac.	5311
Sub.	6	App. St.	3	Asp. (1)	0.926	12,280			Oiled.	5312
Li.	5 1/2	Li.	3	Asp. (1)	1.145	13,360				5313
Li.	3	Li.	3	Asp. (1)	0.890	10,990				5314
Grv. Con. (h) (4)	5	Br. (20)	4		1.897	22,180				5315
Sub.	6	Li.	3	Ber. (1)	0.877	11,140			Oiled.	5316
Fld.	6	Fld.	3	Ber. (1)	0.922	11,460			Oiled.	5317
S Con. (d) (11, 12, 15)	6	Bitu.	2		2.161	26,555				5318
App. St.	4	App. St.	3	Asp. (1), Trn. (1)	0.787	16,930			Oiled.	5319
Sub.	6	App. St.	3	Asp. (7)	0.852	14,940			Oiled.	5320
Grv. Con. (13)(d)	5	Br. (18)	4		2.068					5321
Sub.	6	Li. & Sl.	2	Asp. (2)	0.851	11,496				5322
Grv.	6	Li. & Sl.	2	Asp. (2)	0.785	10,781				5323

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
*5312	Allegany	5.94		\$118,037 34	\$99,430 24				1.16	16-50	21-50	16,468
5312A	Allegany								4.01	16	31	37,677
5312B	Allegany	0.17		4,009 02	4,009 02	9/10/14	100	11/30/14	0.77	16	32	7,212
5313	Saratoga	1.30		52,871 06	35,378 87	9/17/12	100	1/7/14	1.03	32-43	32-43	1,582
5314	Schenectady	5.45		82,901 97	82,901 97	4/2/14	100	12/14/14	0.21	16	28	1,944
5315	Orleans	2.40		79,613 73	57,575 71	10/3/12	100	3/3/14	0.29	16	28	2,789
5316	Wash.	3.09		30,569 83	30,569 83	9/17/12	100	11/12/13	5.16	16-33	31-39	48,383
*5317	Erie	4.97		132,907 31	120,452 31	4/3/14	100	12/23/14	2.09	16	26	29,014
5318	Onondaga			38,219 06	34,916 30	9/17/12	100	10/29/13	1.97	16	26-32	50,472
5318A	Onondaga								0.35	20	25	4,747
5318B	Onondaga								0.72	18	32	6,716
5318C	Onondaga			4,140 51	4,140 51	8/25/14	100	11/28/14	0.14	16,30	32	1,687
5318D	Onondaga								0.14	30	28	4,787
5318E	Onondaga	1.18		42,359 57	39,056 81				0.72	16	32	1,687
5319	Niagara	6.63		52,188 38	52,188 38	9/17/12	100	12/26/13	0.72	16	32	6,634
5320	Chautauq	1.07		37,381 67	25,984 33	10/23/12	100	1/15/14	6.63	16	44	62,789
5321	West	1.64		12,333 94	12,333 94	9/17/12	100	7/2/13	1.07	116-4	32-45	12,416
5322	Sullivan	8.45		97,888 44	97,888 44	9/17/12	100	11/26/13	1.84	16	28	15,490
5323	Ontario	1.90		99,058 34	99,058 34	9/21/12	100	12/15/13	8.45	14-16	26-28	73,091
*5323	Yates	6.25							6.67	14	28	54,757
5324	Yates			124,642 82	125,642 82	9/18/12	100	12/15/13	1.48	14	28	12,134
5324A	Yates			14,301 40	14,301 40	4/3/14	100	8/12/14	8.42	14	28	69,162
5324B	Yates	10.80		138,944 22	139,944 22		100		2.47	14	28	20,285
5324C	Yates								8.42	14	28	69,182
5325	Oneida	12.37		148,239 64	148,239 64	12/19/12	100	8/12/14	2.47	14	28	20,285
5326	Dutchess	3.93		55,385 13	55,385 13	9/30/12	100	9/11/13	12.37	16	26	116,090
5327	Lewis	14.77		136,916 04	136,916 04	9/23/12	100	1/5/14	3.93	16	28	36,884
5328	Orange	4.90		97,303 90	97,303 90	9/17/12	100	7/14/14	14.77	16	28	138,661
5328A	Orange	0.90		15,645 87	15,645 87	5/25/14	100	4/17/15	4.90	14-16	24-26	45,655
5328B	Orange	6.29		101,608 95	101,608 95	6/17/15	100	9/26/17	0.90	14-16	26	8,066
									5.39	14	24	44,274
									0.99	14	24	7,407
									2.50	14	30	20,534
5329	Madison	10.11		119,287 44	119,287 44	9/18/12	100	10/6/14	3.50	14	26,30	28,747
5330	Madison	5.63		81,830 13	81,830 13	9/17/12	100	10/6/14	4.11	14	30	32,756
5331	St. Law.	1.76		23,898 57	16,101 90	9/17/12	100	12/16/13	2.74	14	26	22,540
									2.89	14	30,40	23,718
									1.26	20-54	Av. 50	21,311
									0.59	16	32	4,000
5332	Lewis			100,501 47	100,501 47	9/24/12	100	12/14/14	6.71	16	26	63,027
5332	Jeffers								2.05	16	26	19,257
5332A	Jeffers			19,572 50	12,911 91	8/20/14	100	1/4/15	0.37	16	26	
5332B	Lewis			73,789 98	73,789 98	6/18/15	100	1/12/16	0.68	16-36	30-36	9,678
									0.07	19-32	32	1,481
5332C	Jeffers	1.13							4.81	16	28	45,133
5332D	Lewis	13.22		193,803 95	187,203 36				2.05	16	28	19,243
									6.73	16	28	63,207
									6.86	16	28	64,351
5333	Tioga	1.28		26,518 92	15,513 13	10/17/12	100	9/26/13	0.69	10-36	30-36	9,678
5334	Schoyler			2,169 28	2,169 28	9/16/12	100		0.07	32-19	32	1,481
5334A	& Yates	7.85		116,100 00	116,100 00	7/9/14	97		1.28	16,22	25	16,055
5335	Schoyler	1.75		61,534 28	38,726 23	9/23/12	100	4/23/14	1.10	21-34	30-43	18,970
5336	Wash.	9.48		115,148 20	115,148 20	9/17/12	100	2/20/14	0.65	16	26	6,276
									3.96	16	26	37,200
									5.52	16	26	51,893
5337	Clinton	2.36		26,121 12	26,121 12	9/17/12	100	12/15/13	2.36	16	32	22,187
*5338	Broome			137,588 97	132,917 09	9/23/13	100	12/15/14	9.52	16-31	26-39	92,073
5338A	Broome			59,083 59	59,083 59	4/14/14	100	1/12/15	2.91	16	26	27,534
									1.23	16	26	11,614
5338B	Broome	13.31							9.56	16-34	26-37	92,280
5338C	Broome			196,072 47	192,000 50				2.95	16	26	27,673
5338D	Dela.	0.38							1.23	16	23	11,550

*See appendix B, list by counties.

† Changed from original plans.

‡ Railroad paved additional width of 9 feet

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Grv. Con. (d) (13)	5	Br. (18)	4		2.068	26.835				5312
Sub	6	Li. & Sl.	2	Asp. (2)	0.852	15.490				5312A
Grv	6	Li. & Sl.	2	Asp. (2)	0.785	14.840				5312B
Sub	6	Sl.	3	Sc., water	0.711	21.680				5313
Grv. Con. (g) (9)	5	Br. (25)	4		2.260	31.250				5314
Sub	6	App. St.	3	Asp. (7)	0.903	18.510				5315
8 Con. (d) (10)	6	Br. (1), (25)	4		1.167	13.470				5316
	6	FCon. (a) (10)	7-P		2.333	34.620				5317
S. Con	5	Br.	4		1.74	22.035				5318
Qrs	3	Qrs	4	Asp. (10)	0.696	9.890			Oiled	5318
8 Con. (13)	5	Br. (22)	4		1.990	24.850				5317
S Con. (d) (17)	5	Br. (3)	4		2.292	39.110				5318*
App. St.	4	Li.	2	Asp. (7)	0.952	26.535				5318A
Li	3	Li.	3	Asp. (2)	0.943	27.940				5318
S Con. (d) (17)	5	Br. (3)	4		2.292	40.335				5318
Li	3	Li.	3	Asp. (2)	0.942	27.570				5318A
Li	4	Li.	2	Asp. (7)	0.952	27.660				5319
Grv. Con. (h) (16)	5	Br. (15)	4	T. (16), Sn.	0.666	7.410			Oiled	5320
Grv. Con. (h) (16)	5	Br. (15)	4		2.100	29.775				5321
Old Mac.	2	App. St.	3	T. (17)	0.681	7.500			Oiled	5322
Sub	6	Set.	3	Asp. (1)	0.668	12.975			Oiled	5323
App. St.	4	App. St.	2	Asp. (7)	0.987	12.803	1917	2.00	2 1/2 Bit. Mac.	5324
Fld. 6", Ap. St. 4"	10	App. St.	2	Asp. (7)	1.250	15.265				5324*
Sub	6	Fld.	13	Asp. (7)	1.080	13.698				5324A
Sub	6	Fld.	3	Asp. (7)	0.485	8.317				5324A
Sub	6	Fld.	3	Asp. (7)	0.619	6.517				5324A
Sub	6	Fld.	3	Asp. (7)	1.080	13.780			Oiled	5325
Li	6	Li.	3	Sc., water	1.100	13.950				5325
Sub	6	Dol.	3	Asp. (1)	0.878	11.985			Oiled	5326
Sub	6	App. St.	3	Asp. (1)	0.847	13.830				5326
Sub	6	App. St.	3	Asp. (1)	0.668	9.114			Oiled	5327
App. St.	6	App. St.	3	Asp. (10)	0.706	18.660				5328
Lo. St.	5	Lo. St.	3	Sc., water	0.863	17.740				5328A
Fld. 8, Lo. St. 2.	10	Lo. St.	3	Sc., water	0.567					5328B
Grv	6	Grv	3	CT. (17)	0.664					5329
Sub	6	Grv	3	CT. (17)	0.554	10.235				5330
Grv	6	Grv	3	HO. (3)	0.768	12.245			Oiled	5331
Li	4	App. St.	3	Asp. (10)	0.998	14.415				5332
Grv	6	Li.	2	Asp. (10)	1.071	16.570			Oiled	5330
Old Mac.	6	App. St.	3	Asp. (3)	0.755	13.610				5331
App. St.	3	App. St.	3	Asp. (8)	0.725	8.995			Oiled	5331
Sub	6	Li.	3	Asp. (8)	0.990	11.180				5332
Sub	6	Li.	3	Sc., water	0.771				Oiled	5332
Grading				HO (11) Glu.	0.292					5332
8 Con. (d) (10)	6	F Con. (a)	Av. 6 (10)		0.975	14.980				5332A
Sub. 6, Li. 2	3	Br. (18)	4		2.294	27.360				5332B
Li.	2	Li.	3	Asp. (10)	0.921	11.265				5332B
Sub.	6	Li.	3	Asp. (10)	0.672	8.930				5332
Sub. 6, Li. 2	3	Li.	3	Sc., water	0.771	12.000				5332A
	3	Li.	3	Asp. (10)	0.934	13.530				5332A
8 Con. (d) (10)	6	FCon. (a)	Av. 6 (10)		0.975	14.910				5332B
Grv	6	Br. (18)	4		2.294	26.290				5333
	6	Li.	3	Asp. (7) HO. (7)	0.881	13.080			Oiled	5333
8 Con. (16, 22)	5									5334
Grv. Con. (d)	5	Br. (23)	4	(1, 11, 14, 20)	0.903	15.850				5334A
Sub	6	Set.	3	Sc., water	1.960	30.121				5335
Sub	6	App. St.	3	Asp. (10)	0.835	19.731			Oiled	5336
App. St.	3	App. St.	3	Asp. (10)	0.726	12.168			Oiled	5337
Sub	6	App. St.	3	Sc., water	0.759	11.855				5338
Sub	6	Set.	3	Asp. (10)	0.757	10.745				5338A
Lo. St.	4 1/2	Li.	3	Sc., water	0.960	13.930			Oiled	5339
Lo. St.	4 1/2	Tr.	3	Asp. (11)	0.833	13.405				5340
Sub.	6	App. St.	3	Asp. (10)	1.103	16.935				5341
App. St.	4 1/2	App. St.	3	Sc., water	0.931	14.170				5342
App. St.	4 1/2	App. St.	3	Asp. (11)	0.830	13.220				5343
App. St.	4 1/2	App. St.	3	Asp. (11)	1.108	15.830				5344

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5339	Broome...	1.05	.....	\$23,210 76	\$22,212 72	9/17/12	100	12/16/13	1.05	16	26	9,858
5340	Dela....	6.84	.....	118,567 82	118,567 82	6/30/14	100	1/ 9/17	6.84	14	24	56,182
5341	Allegany.	6.80	.....	69,582 67	69,582 67	10/ 3/12	100	8/26/14	6.80	16	32	63,893
5342	Steuben.	0.55	.....	29,171 00	26,444 95	9/17/12	100	12/ 4/13	10.55	20	26-46	6,533
5343	Scho....	2.65	.....	135,326 55	125,447 12	9/17/12	100	12/24/13	12.00	14-34	24-36	111,984
5343	Dela....	9.42	.....								
5344	Jeffers..	1.97	.....	62,993 97	42,786 47	9/28/12	100	8/22/14	1.70	16-48	20-48	20,744
									0.27	10	25	7,258
5345	Oneida..	5.86	.....	71,589 76	71,589 76	2/ 7/14	100	3/ 1/15	5.86	13-16	26	54,947
5346	Oneida..	6.11	.....	67,573 57	65,832 91	9/17/12	100	9/ 4/14	6.11	16-24	26-36	61,162
5347	Colum....	4.85	.....	45,527 01	45,527 01	9/18/12	100	9/23/13	4.85	16	28	45,492
									0.14	28-38	40	3,044
*5348	Steuben.	.....	.....	128,881 84	117,518 79	9/25/12	100	4/30/14	4.83	16-24	26-27	48,339
									3.78	16	26	35,566
5348A	Steuben.	.....	.....	10,745 30	10,745 30	5/15/14	100	2/ 3/16	1.22	14	28	10,018
5348B	Steuben.	.....	.....	73,475 48	73,475 48	5/19/14	100	2/27/15	2.57	14	26	21,171
									4.04	14	26	33,189
									0.14	28-38	40	3,044
5348	Steuben.	12.80	.....	213,102 62	201,739 57	.....	.....	.....	4.83	16-24	26-27	48,339
5348A	Steuben.		.....						1.22	14	26	10,018
5348B	Steuben.		.....						2.57	14	26	21,171
			.....						4.04	14	26	33,189
									0.51	16-32	28-44	6,893
*5349	Steuben.	.....	.....	62,059 89	58,682 20	9/17/12	100	4/30/14	2.11	14-16	24-26	23,684
									0.46	14	26	3,731
5349A	Steuben.	.....	.....	20,277 12	20,277 12	5/15/14	100	10/13/14	0.46	14	26	3,709
									1.68	14	26	13,882
									0.51	16-32	28-44	6,893
5349	Steuben.	5.26	.....	82,337 01	78,959 32	.....	.....	.....	2.61	14-16	24-28	23,684
5349A	Steuben.		.....						0.46	14	26	3,709
			.....						1.68	14	26	13,882
			.....						0.15	16-20	26-30	1,490
5350	Steuben.	1.89	.....	79,758 79	43,536 93	10/16/14	100	12/ 3/15	1.74	16-61	18-62	32,990
									0.15	16-20	26-30	1,490
5351	Steuben.	1.50	.....	12,333 38	12,333 38	9/19/12	100	5/12/14	1.50	16	20-28	14,120
*5352	Steuben.	.....	.....	142,728 44	142,728 44	10/ 4/12	100	11/ 4/14	4.52	14	26	37,126
									1.21	14	26	9,967
5352A	Steuben.	.....	.....	43,650 13	43,650 13	5/19/14	100	11/10/14	1.21	14	26	9,967
									3.73	14	26	30,610
5352B	Steuben.	.....	.....	3,310 77	3,310 77	8/18/14	100	12/ 8/14	0.91	14	24	7,457
									4.52	14	26	37,126
5352	Steuben.	10.37	.....	189,689 34	189,689 34	.....	.....	.....	0.91	14	24	7,457
5352A	Steuben.		.....						1.21	14	26	9,967
5352B	Steuben.		.....						3.73	14	26	31,610
			.....						0.13	25	32	1,232
5353	Steuben.	0.23	.....	5,021 86	5,021 86	9/19/12	100	11/19/13	0.10	16	26	896
									2.70	16	26	25,333
5354	Renss...	5.11	.....	66,165 79	66,165 79	9/20/12	100	11/11/15	2.41	16	26	22,613
									2.43	20	25-34	28,580
5355	West....	2.43	.....	73,150 67	60,470 76	5/15/14	100	8/20/15	0.53	27-29	27-29	8,688
5356	West....	2.23	.....	92,074 86	50,161 62	6/29/14	100	2/25/16	1.70	25-34	25-34	26,676
									0.95	21	30	11,700
5357	West....	0.95	.....	31,362 42	11,386 70	9/20/12	100	10/15/13	0.95			
*5358	West....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5359	West....	6.48	.....	108,359 79	74,350 31	9/17/12	100	12/30/13	6.48	16-20	28-34	72,780
5360	West....	5.04	.....	58,991 23	58,931 23	9/17/12	100	10/15/13	5.04	16	26	47,289
5361	West....	0.83	.....	25,342 77	21,262 41	3/11/14	100	.....	0.68	20	30	8,000
									0.15	20	30	1,760
5362	West....	0.25	.....	6,896 22	6,896 22	3/20/14	100	3/25/15	0.25	16	30	2,348
5363	West....	0.94	.....	36,237 35	36,237 35	8/19/14	100	9/15/15	0.79	16	26	7,442
									0.15	16	26	1,353
*5364	West....	.....	.....	18,858 00	18,858 00	9/20/12	100	11/25/15	1.68	16	27-28	15,814
5364A	West....	1.68	.....	25,246 71	25,246 71	10/20/14	100	2/29/16	0.32	16	26	3,037
									1.36	16	26	12,670
									0.86	16	35	8,044
5365	Onond...	6.87	.....	105,894 90	105,894 90	9/17/12	100	11/12/13	2.83	16	30	26,532
									3.18	16	30	29,967
5366	Greene..	1.26	.....	15,146 15	15,146 15	9/17/12	100	11/26/13	1.26	16	26-32	11,810

* See Appendix B, list by counties. † Changed from original plans. ‡ City of Binghamton paved additional widths.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION						UNIT COSTS		PRESENT PAYMENT			Highway No.
BOTTOM		TOP			Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness	Binder							
Grv. Con. (h) (8)	5	Br. (20)	4			1.975	21,810				5339
Sub.	6	Fld. Qst.	3	T. (17)	Li. T. (16, 17)	0.922	18,840				5340
Grv. Con. (d) (16)	5					0.676	9,889			Oiled	5341
Grv. Con. (d) (13)	5	Br. (14)	4			1.956	36,850				5342
Sub.	6	App. St.	3	Asp. (1) Ber. (1)		0.775	11,455			Oiled	5343
Sub.	9	App. St.	3	Asp. (1)		1.223	20,465				5344
8 Con. (11)	5	Br. (31)	4			2.494	32,395				
Sub. 6, App. St. 3	9	App. St.	3	Sc., water		0.915	12,200			Oiled	5345
Sub.	6	App. St.	3	Sc., water	HO. (10)	0.681	10,180			Oiled	5346
Sub.	6	Li.	3	Sc., water	HO. (10)	0.630	9,320			Oiled	5347
8 Con. (17)	5	Br. (10)	4			1.977	22,920				5348
Sub. 6, 8 Con. (17)	5	T. (17)				1.319	16,740	1915	4.23	Bit. Mac.	
Sub.	6					0.417	8,270	1916	0.30	Amiesite.	5348A
		Si.	8	Asp. (11)		0.725	10,515			Oiled	5348B
Sub.	6	App. St.	3	Li.; Sc., water		0.635					5348
8 Con. (17)	5	App. St.	3	Li.; Sc., water		0.958	14,900				
Sub. 6, 8 Con. (17)	5	Br.	4		T. (17) Grv.	1.977	24,100				5348A
Sub.	6	Si.	8	Asp. (11)		1.319	17,920				5348B
Sub.	6	App. St.	3	Li.; Sc., water		1.140	16,240				5348 E
Sub.	6	App. St.	3	Li.; Sc., water		1.052	15,415				
Sub.	6	App. St.	3	Li.; Sc., water		0.958	14,530				5349
Grv. Con. (d) (16)	5	Br. (10)	4			1.932	24,420				
Sub.	6	App. St.	3	Asp. (10)		1.144	17,020				5349A
Sub.	6					0.380	10,790				5349
Sub.	6	App. St.	3	Asp. (10)		0.531	8,610				
8 Con. (16)	5	App. St.	3	Asp. (10)		0.814	11,270				5349
Sub.	6	Br.	4			1.932	23,390				
Sub.	6	App. St.	3	Asp. (10)		1.144	15,990				5349
Sub.	6	App. St.	3	Asp. (10)		0.911	13,800				5349A
Sub.	6	App. St.	3	Asp. (10)		0.814	12,890				
Grv. Con. (d) (8)	5	Br. (10)	4			1.870	25,341				5350
Grv. Con. (d) (8)	5	Grv.	1 1/2	T. (17)		0.920	16,310				
Sub.	6	Grv.	3	Sc., water		0.556	8,100	1917	1.50	2 1/2" Bit. Mac.	5351
Sub.	6	Set.	3	Asp. (10)		1.084	25,065				5352
Sub.	6					0.358	18,250				5352A
Sub.	6	Si. Li.	2	Sc., water	Glu.	0.429	8,150				
Grv.	6	Si. Li.	2	Sc., water	Glu.	0.697	10,660				5352B
Sub.	6	Set.	3	Asp. (10)		0.332	3,789			Oiled	
Grv.	6					1.084	21,625				5352
Sub.	6	Si. Li.	2	Sc., water	Glu.	0.332	14,570				
Sub.	6	Si. Li.	2	Sc., water	Glu.	0.787	18,840				5352A
8 Con. (7)	5	Br. (7)	4			0.697	17,990				
Sub.	6	App. St.	3	Asp. (10)		1.700	25,010				5353
Sub.	6	Li.	3	Asp. (10)	HO. (10)	1.040	15,900	1915	0.10	Bit. Mac.	
8 Con. (d) (1, 2)	5	Br. (29, 31)	4			0.932	21,002			Oiled	5354
Old Mac.	2	Asp. Blk.	2			0.873	20,447				5355
8 Con. (3, 10, 22)	5	Br. (2, 25)	4			2.090	25,010				
8 Con. (3, 10, 15)	4	Asp. Blk.	2			1.550	20,450				5356
						2.241	26,949				5357
						2.100	26,593				
		H Con.	6	(3, 22)		1.230	14,005				5358
Sub.	6	App. St.	3	Asp. (1)		0.709	11,705			Oiled	5359
Grv. Con. (d) (11)	4	Asp. Blk.	4								5360
Grv. Con. (d) (11)	4	Br. (17)	4								5361
8 Con. (d) (1)	5	Asp. Blk.	2			2.035	25,570				5362
8 Con. (d) (9)	5	Br. (29)	4			2.073	35,000				
8 Con. (d) (3)	5	Br. (29)	4			2.434	41,295				5363
Grv.	3	Grv.	3	Water	HO. (10) Glu.	0.692	11,220				
8 Con. (d) (2)	5	Asp. Blk.	2			1.940	23,166				5364
		F Con. (2)	5			0.848	12,915				
		H Con. (2.5)	4 1/2		T. (17), Se.	1.015	14,430				5365
Sub.	6	App. St.	3	Ber. (1)		0.975	14,050	1916	0.60	3 1/2" Brick	
Sub.	1 1/2	App. St.	3	Ber. (1)		1.182	15,095				5366
Set.	3	Set.	3	Asp. (10)		0.863	11,870				5367

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5367	Greene	5.92		\$74,922 33	\$74,922 33	9/17/12	100	12/18/13	3.58	16	26	33,576
†5368	Greene	3.92		45,757 67	45,757 67	9/18/12	100	9/23/13	2.34	16	26	22,028
5369	Greene	2.21				3/11/14	100	10/11/14	3.92	16	26	36,761
5370	Greene	2.70		30,990 81	30,990 81	9/17/12	100	12/28/13	2.21	16	26	20,765
5371	West	0.95		35,907 57	18,342 6	3/12/14	100	3/18/15	2.70	16	26	25,350
5372	West	0.73		36,270 28	11,804 52	9/23/12	100	10/15/13	0.95	24-34	24-34	18,453
5373	West	2.85		77,377 57	44,763 74	9/23/12	100	10/2/13	0.73	27-31	36-40	12,827
5374	West	0.20		5,750 31	2,963 35	9/23/12	100	10/15/13	2.85	20	32	33,540
†5375	West	1.34		29,744 9	17,669 97	9/20/12	100	10/15/13	0.20	20	30	2,300
5376	West	1.29		72,554 0	14,556 86	9/17/12	100	10/30/13	1.34	30-39	30-39	15,747
5377	Broome	1.67		38,187 96	38,187 96	9/17/12	100	11/26/13	1.29	31-35	35-40	24,839
									10.18	16	28	1,625
									1.49	16	26	13,980
5378	Wayne	4.53		49,867 79	49,867 79	9/17/12	100	12/3/13	4.53	16	20	42,565
5379	Tomp.	3.22		49,763 17	49,763 17	9/17/12	100	5/26/14	3.22	14	26	26,444
†5380	Madison	2.45		39,020 41	39,020 41	9/23/12	100	11/12/13	2.45	16	30	23,022
5381	Niagara	0.09		3,923 23	3,923 23	9/17/12	100	11/13/13	0.09	16-24	16-40	1,106
									0.09	16	26	918
5382	Oswego	10.85		166,298 32	141,158 09	9/19/12	100	12/29/13	9.63	14, 16	26-30	79,363
									0.23	16		2,154
									0.90	21-40	21-40	15,638
*5383	Dela.			8,734 82	8,734 82	9/17/12	100					
5383A	Dela.			134,619 40	134,619 40	5/25/14	100	3/20/17	7.23	14	24	59,375
5383	Dela.	7.23		143,354 22	143,354 22				7.23	14	26	59,375
5383A	Dela.											
538	Dela.	6.13		78,592 89	78,592 89	9/17/12	100	12/4/13	6.13	14-16	24-26	51,618
5385	Oneida	1.06		37,869 12	24,837 16	2/18/14	100	10/4/14	0.26	16	28	2,466
									0.80	24, 16	24, 26	11,219
									0.45	16	26-30	4,292
5386	Ontario	0.91		24,499 59	24,499 59	9/2/13	100	9/24/14	0.44	16	32	3,952
									0.02	16	32-38	698
5387	Putnam	2.38		31,883 87	31,883 87	7/31/13	100	8/22/14	2.38	16	28	27,248
									0.61	16	20-24	5,091
5388	Rock	2.15				2/30/14	100	1/10/16	1.54	16	28	14,490
5389	Rock	1.56		36,812 05	36,812 05	9/2/14	100	9/11/16	1.56	16	26, 30	15,060
5390	Broome	0.83		15,382 76	15,382 76	2/10/14	100	8/12/14	0.83	16	16	7,804
5391	Chem.	0.40		13,946 92	11,464 01	8/21/13	100	3/3/14	0.40	16-30	30-42	5,044
5392	Chem.	0.76		35,957 93	17,772 82	10/2/13	100	1/9/15	0.76	16-38	30-38	13,923
5393	Chem.	0.52		41,023 48	13,599 63	9/8/13	100	7/19/15	0.52	36	36	11,410
									0.82	16	30	7,722
5394	Fulton	1.54		57,327 65	20,735 78	9/30/13	100	1/25/15				
									0.72	30	30	11,977
												1,118
5395	Oneida	0.38		11,756 45	11,756 45	8/25/13	100	12/30/13	0.38	16	32	3,695
5396	Onon	0.69		25,797 37	18,297 45	5/15/14	100	11/30/14	0.69	24	33	9,650
5397	Ontario	1.74		40,057 93	29,065 90	8/22/13	100	10/4/14	1.09	16	30	10,223
									0.65	16-50	40-50	10,095
5398	Livingst.	4.40		94,868 12	51,967 99	8/27/14	100	1/9/15	3.30	16	32	30,992
									1.10	30-50	30-60	24,641
5399	Genesee	1.97		121,975 28	42,525 93	9/30/13	100	12/20/14	1.97	30-45	30-45	53,861
5400	Wyom.	8.89		177,782 33	153,176 22	9/29/13	100	4/24/15	3.08	16-68	32-68	29,193
									5.81	16	32	54,470
5400A	Wyom.	0.48		7,369 42	7,369 42	9/2/14	100	1/21/15	0.48	16	26	4,523
5401	Steuben	0.85		44,017 11	19,291 43	8/26/13	100	9/28/14	0.85	16-36	36-36	16,183
*5402	Jeffers											
5403	Jeffers	1.17		29,040 02	17,803 59	9/2/13	100	10/18/14	1.17	16-43	28-43	17,440
5404	Wash.	1.75		77,684 89	48,537 44	5/8/13	100	6/29/14	1.75	20-36	20-71	26,780
*5405	Cattaraugus											
5406	Oneida	3.94		40,123 90	40,123 90	2/18/14	100	11/18/14	3.94	16	26	36,953
*†407	Erie	5.87		151,317 5	151,317 5	2/19/14	100	9/1/15	5.87	16	32	55,496
5408	Oswego	0.36		22,254 02	9,197 06	7/18/16	100	7/27/17	0.36	Av. 17	34	3,591
										Av. 17	34	3,560
5409	Greene	0.23		15,327 79	5,797 20	10/1/13	100	9/15/14	0.23	37-73	37-73	6,248
5410	Wyom.	3.88		43,433 07	43,433 07	4/16/15	100	1/19/16	2.88	16	32-32	36,420
†5411	Herk.	0.09		5,806 12	5,806 12	10/20/14	100	1/8/16	0.09	32	32	

*See Appendix B, list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-24' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sub.	6	Set.	3	Asp. (10)	0.807	12,690	1917	2.69	F Con..	5367
Tr.	4	Tr.	3	Asp. (10)	0.798	12,690				
Li.	4	Li.	3	LiSc., HO.(10)	0.878	11,730	1917	3.92	F Con..	5368
Li.	4	Li.	3	Asp. (7)						
Sub.	6	Li.	3	Sc., water	0.598	11,480				5370
S Con. (d) (7, 10)	6	Dol.	2	Asp. (1), MM-2	1.395	20,545				5371
S Con. (d) (3, 19)	5	Bitu.	2		2.335	28,480				5372
S Con. (d)	4	Asp. Blk.	2	(3, 15, 24)	2.109	21,540				5373
S Con. (d) (19)	5	Bitu.	2		2.230	23,510				5374
Old Mac	5	Asp. Blk.	2		1.688	18,110				5375
S Con. (d) (10)	5	Br. (25)	4		2.265	32,990				5376
Sub.	6	Li.	3	Asp. (10)	0.865	13,580				5377
Grv. Con. (h) (8)	5	Br. (20)	4		1.977	24,018				
App. St.	4	App. St.	2	Asp. (4)	0.909	10,685				5378
Sub.	6	App. St.	3	Sc., water	0.794	16,330			Oiled	5379
Grv.	5	H Con. (16)	4	Tarvia	1.269	15,700			Oiled	5380
Grv. Con. (h)	5	Br.	4		2.527	44,730				5381
S Con. (d) (5)	5	Med. Blk.	4		2.924	32,510				
Old Mac	5	H Con. (5)	4	Sc., T. (17)	0.845	13,020				5382
S Con. (d) (5)	5	App. St.	2	Asp. (10)	0.609					
		Br. (1)	4		1.974	23,000				
Fid.	8	App. St.	3	T (17)	0.850	20,040				*5383
Fid.	8	Lo. St.	3	T (17)	0.855	21,475				5383A
										5383
										5383
Sub.	6	Set.	3	Asp. (1)	0.757	13,850			Oiled	5384
App. St.	3	App. St.	3	Asp. (7)	0.927	14,950				5385
S Con. (d) (14)	5	Bitu.	2		2.225	27,140				
Li.	4	Li.	2	HO (3)	0.772	17,028				
Grv. S Con. (d)	5	Br. (14)	4	(13)	2.400	32,446				5386
Grv. S Con. (d)	5	Med. Blk.	4	(13)	3.330	40,860				
Sub.	6	App. St.	3	Asp. (1)	0.794	13,150				5387
Old Mac, Mtr.	1	Asp. Blk.	2		1.456					
S Con. (d) (2, 11)	5									5388
5' Mtr. 1"	5	Asp. Blk.	2		1.928					
Sub. 8" Tr. 2"	10	Tr.	3	Asp. (10)	1.106	23,980				5389
Old Mac	5	Br. (14, 22)	4		1.709	18,780				5390
Grv. Con. (d) (8)	5	Br. (10)	4		2.650	27,590				5391
Grv. Con. (d)	5	Br. (10)	4	(10, 13)	1.930	28,740				5392
Grv. Con. (d) (10)	5	Br. (1)	4		2.420	49,130				5393
		S Con. (d)								
		(10)			0.833	15,845				
S Con. (d) (10)	6	Bitu.	2		2.294	27,455				5394
S Con. (d) (10)	5	Wd. Blk.	3		3.294					
S Con. (d) (9)										
11, 23)	5	Grv.	2	MM. Asp. (7)	2.010	27,870				5395
Grv. Con. (d) (5)	5	Br. (1, 18)	4		2.158	26,020				5396
Sub.	7	App. St.	3	Asp. (10)	0.963	13,325			Oiled	5397
S Con. (d) (17)	5	Br. (10)	4		2.080	23,776				
Grv.	4	App. St.	3	Sc., water	0.435	11,464			Oiled	5398
S Grv. Con. (d)	5	Br. (27)	4	(1)	2.080	26,738				
S Grv. Con. (d)	5	Br. (15)	4	(1)	1.820	27,831				5399
Sc. Grv. Con. (d)	5	Br. (32)	4	(17)	2.240	26,300				5400
App. St.	4	App. St.	3	Asp. (7)	0.853	13,180			Oiled	
Li.	4	Li.	3	Asp. (7)	0.903	25,290				
Grv. Con. (d) (17)	5	Br. (10)	4		2.070	30,850				5400A
Sub.	6	App. St.	3	Asp. (10)	1.005	15,720			Oiled	5401
S Grv. Con. (d)	5	Br. (26)	4	(9)	2.310	30,070				5402
										5403
										5404
										5405
Sub.	6	Li.	3	Sc., water	0.582	10,190			Oiled	5406
S Con. (d) (16, 6)	5	Br. (3)	4		2.057	24,840				5407
S Con. (10)	4	Br. (3)	4		2.136	28,120				5408
S Con. (10)	6	F Con. (10)	4		1.933	35,035				
S Con. (d) (1)	5	Br. (30)	4		1.900	29,350				5409
Li.	5	Li.	3	Sc., water	0.723	11,050				5410
		Grading		CaCl						5411

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	MILES		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5412	Broome	0.28	.....	\$12,339 53	\$7,631 87	5/27/15	100	1/19/16	0.28	16.351	30.38	4,243
5413	Broome	0.82	.....	20,186 36	20,186 36	2/11/14	100	9/21/14	0.82	16	28	7,672
5414	Chem...	9.64	.....	158,630 90	134,112 01	2/10/14	100	12/ 4/14	8.92	16-32	26-34	85,564
5415	Oswego	5.79	.....	89,013 36	89,013 36	2/ 6/14	100	7/12/16	5.79	16	30	13,880
5416	Niagara	7.80	.....	101,762 07	101,762 07	2/10/14	100	10/ 5/15	7.80	16	32-44	54,494
5417	Niagara	5.46	.....	104,599 17	104,599 17	2/10/14	100	1/27/16	0.09	16-42	20-42	73,217
									4.90	16	32-44	41,407
									0.28	16,18	22,32	45,990
									0.19	16	32	2,112
5418	Cattaraugus	4.41	.....	68,684 76	68,684 76	3/14/14	100	12/10/15	4.41	16,19	28-32	41,544
5419	Allegany	1.51	.....	45,480 96	37,703 88	2/10/14	100	1/ 8/15	1.51	16,36	32,36	17,192
5420	Tioga	1.63	.....	44,581 95	39,503 47	2/10/14	100	11/18/14	1.63	16-30	30-44	18,763
5421	Orleans	2.40	.....	66,055 53	56,485 23	2/13/14	100	3/ 4/15	0.82	16	32	7,690
5422	Orleans	3.43	.....	58,228 04	58,228 04	2/13/14	100	10/19/14	1.68	16-70	32-70	18,751
									1.01	16	32	9,402
									2.42	16	28-32	23,004
5423	Orleans	6.02	.....	83,779 96	83,779 96	2/10/14	100	11/28/14	6.02	16	32-44	56,267
5424	Cortland	5.96	.....	62,703 40	62,703 40	2/17/14	100	12/ 3/15	5.96	112	24	42,193
5425	Monroe	3.25	.....	48,438 35	48,438 35	1/30/14	100	12/ 2/14	3.25	16	32	81,800
5426	Jeffers	1.81	.....	28,346 21	28,346 21	2/19/14	100	11/10/14	1.68	16	32	15,750
									0.13	16	32	1,227
5427	Jeffers	5.76	.....	68,035 74	68,035 74	2/18/14	100	10/ 6/14	5.76	14	26-28	47,300
									0.76	16	28	7,088
5428	Rock	1.00	.....	18,884 86	18,884 86	8/25/15	100	3/ 8/16	0.20	16	28	1,867
									0.04	16	28	358
5429	Tioga	0.67	.....	14,195 53	14,195 53	3/ 4/14	100	12/14/14	0.67	16	26	6,256
5430	Cattaraugus	3.88	.....	65,709 52	65,709 52	2/18/14	100	11/ 4/14	3.88	16	26-32	36,402
5431	Niagara	5.92	.....	73,331 50	73,331 50	2/ 9/14	100	11/30/14	5.92	16	44	55,600
5432	Chem	.....	8.98	44,055 16	44,055 16	5/15/14	100	.....	.....	16	26-30	15,070
5432	Schuyler	.....	.....	.....	.....	.....	.....	.....	.....	16	26	14,220
5432A	Chem	.....	.....	120,400 00	120,400 00	6/ 9/15	82	.....	.....	16	26-30	15,070
5432A	Schuyler	.....	.....	.....	.....	.....	.....	.....	.....	16	26	69,195
5432	Chem & Schuyler	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5433	Erie	0.88	.....	45,702 71	19,083 32	3/ 4/14	100	11/ 9/14	0.88	30-46	30-46	17,419
5434	Chautau	4.43	.....	103,017 06	103,017 06	5/20/14	100	2/ 1/16	2.42	16	32	22,718
									2.01	16	30-32	19,006
5434A	Chaut.	0.05	.....	7,313 22	7,313 22	11/ 2/16	100	1/ 2/15	0.05	16-20	28	584
5435	Monroe	0.92	.....	27,080 35	22,220 61	7/29/14	100	1/ 8/15	0.92	16-20	30	10,845
5436	Cortland	4.71	.....	66,477 43	58,451 82	3/ 4/14	100	1/ 8/15	4.60	14-45	22-46	40,061
									0.11	38-49	40-51	2,884
5437	Ontario	3.72	.....	40,598 57	40,598 57	3/11/14	100	11/13/14	3.72	16	32	34,895
5438	Putnam	1.64	.....	22,075 77	22,075 77	3/ 6/14	100	9/18/14	1.64	16	26	15,555
5439	St. Law.	3.64	.....	39,521 63	39,521 63	2/ 4/14	100	12/14/14	2.46	14-16	28	20,406
									1.16	14	28	9,684
5440	Broome	0.41	.....	20,886 11	6,437 26	5/24/15	100	1/18/16	0.41	130,32	130,32	7,033
5441	Herk	1.26	.....	19,590 58	19,590 58	3/ 5/14	100	1/28/15	1.26	16	32	11,782
5442	Oneida	3.47	.....	35,018 60	35,018 60	3/ 6/14	100	11/ 9/14	3.47	16	28	32,580
5443	Dela.	14.42	.....	152,257 17	152,257 17	3/11/14	100	10/28/15	9.44	14	26	80,243
									4.98	14	26	38,208
5444	Scho	5.58	.....	60,763 89	60,763 89	3/12/14	100	10/19/15	5.58	16	26	62,632
5445	Otsego	7.78	.....	90,700 36	90,700 36	10/21/14	100	11/14/16	7.78	14,16	24,26	64,337
5446	Seneca	6.50	.....	93,955 94	88,270 61	3/18/14	100	12/31/14	0.70	24,36	36	11,364
									5.89	24-14	36-30	47,650
5447	Madison	3.35	.....	41,649 04	41,649 04	5/ 6/14	100	12/ 8/14	2.88	164	30	28,020
									0.47	16	80	4,444
5448	Orleans	1.84	.....	71,204 02	41,638 31	5/ 3/14	100	2/19/15	1.84	16-30	32-40	28,542
5449	Wayne	2.29	.....	26,224 48	26,224 46	7/ 7/14	100	8/10/15	2.29	14	30	18,782
5450	Dela.	6.09	.....	70,866 96	70,866 96	5/ 2/14	100	11/21/14	6.09	16	24	50,658
5451	Wayne	5.94	.....	65,819 75	65,819 75	7/ 9/14	100	9/ 8/15	5.94	14	28-36	48,762
*5452	Chataun	3.52	.....	78,822 08	64,681 33	6/10/15	100	12/ 8/15	2.74	16-24	28-36	26,538
									0.78	19-40	26-40	12,543
5453	Erie	4.52	.....	69,600 69	69,600 69	5/ 2/14	100	2/25/15	3.61	16	32	34,565
									0.91	16	32	8,831
5454	Chem	0.20	.....	3,793 31	3,793 31	5/26/14	100	9/18/14	0.20	16	32	1,902

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		Pavement Payment		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 19'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Grv. Con. (d) (8)	5	Br. (3)	4		1.850	29,150				5412
Grv. Con. (d) (8)	5	Br. (14)	4		2.080	33,843				5412
Shoulders		App. St.	3	Sc. water	0.375					
Sub. 8, St. 2	10	St.	3	Sc. water	0.916	13,020			Oiled	5414
S Con. (d) (8)	5	Br. (14)	4		2.147	24,577				
		F Con. (1)	6		0.838	14,960				5415
		F Con. (10)	5		1.080	12,830				5416
		F Con. (10)	6		1.025	16,610				
		F Con. (10)	6		1.025	16,610				
S Con. (d) (10)	5	Br. (9)	4		2.061	26,340				5417
Li.	3	Li.	3	Sc. water	0.584	12,470				
		F Con. (11)	6		0.917	14,780				5418
Grv. Con. (d) (8)	5	Br. (1)	4		1.910	23,580				5419
Grv. Con. (d) (17)	4	Br. (10)	4		1.770	23,260				5420
		F Con. (17)	8		1.320	18,440				5421
S Con. (d) (17)	5	Br. (20)	4		2.120	25,987				
S Con. (15)	5	Br. (20)	4		2.170	25,940				5422
		F Con. (15)	6		0.966	13,310				
		F Con. (10)	6		1.136	13,420				5423
Sub.	5	St.	3	Sc. water	0.796	12,430			Oiled	5424
		F Con. (10)	6		1.100	15,370				5425
		F Con. (a) (16)	5		0.670	11,430				5426
Li.	3	Li.	3	Sc. water	0.889	13,225			Oiled	5427
Sub. 7, Li. 2	9	Grn.	3	Asp. (2)	1.129	15,384				
Li.	5	Li.	4		3.049	33,404				5428
S Con. (d) (11)	5	Br. (18)	4		1.158	15,057				
Sub. 8, Li. 2	10	Li.	3	Asp. (3)	0.029	24,720			Oiled	5429
Grv. 5, Grv. 4	9	Grv.	3	Sc. water	1.010	16,580				5430
		F Con. (2)	6		0.996	20,030				5431
		F Con. (14)	6		0.808					5432
Grv. Con. (d) (15)	5				0.488					
Sub.	9	Li.	14	T. ()	0.435					5432A
Sub.	6	Li.	3	Sc. water	0.991					
										5432
										5432
S Con. (14)	5	Br. (22)	4		1.939	30,430				5433
		F Con. ()	7-P		1.150	17,360				5434
S Con. (18)	5	Br. (15)	4		2.068	26,975				
S Con. (20)	5	Br. (15)	4		2.361	31,290				5434A
Sub. Grv. Con. (d) (6)	9	Br. (14)	4		2.030	24,300				5435
Sub. 6, Li. 2	9	Li.	3	Sc. water	0.949	13,715			Oiled	5436
S Con. (d) (5)	5	Br. (10)	4		2.072	24,237				
Li.	5	Li.	3	Sc. water	0.793	10,910			Oiled	5437
		F Con. (10)	5-7		1.260	13,400				5438
App. St.	3	App. St.	3	Asp. (7)	0.903	10,730				5439
App. St.	5	App. St.	3	Asp. (7)	1.069	12,330				
Grv. Con. (d) (8)	5	Br. (14)	4		1.650	26,610				5440
Sub.	6	Li. Grn.	3	Asp. (7)	1.099	15,220				5441
Sub.	6	Li.	3	Sc. water	0.654	9,950			Oiled	5442
Flt.	3	Lo. St.	3	Asp. (10)	0.820	11,430			Oiled	5443
Flt.	3	Li.	3	Sc. water	0.836	11,550				
Li.	4	Li.	3	Sc. water	0.721	10,830				5444
S Con. (d) (8)	5	Li.	1	T. (17)	0.941	14,070				5445
		F Con. (1)	6		1.100	14,280				5446
Sub.	3	Li.	3	Asp. (30)	0.960	13,030				
		F Con. (17)	6		0.925	12,241				5447
Sub.	4	App. St.	3	Sc. water	0.670	9,950			Oiled	
S Con. (d) (17)	5	Br. (1)	4		1.850	26,736				5448
		H Con. (6)	6		1.060	12,623				5449
Flt.	3	Lo. St.	3	T. (17)	0.831	12,830				5450
		H Con. (17)	6		0.833	10,590				5451
		F Con. (16)	6-7		0.983	15,315				5452
Grv. Con. (9) (18)	5-6	Br. (9)	4		2.117	25,955				
		F Con. (13)	6		1.058	12,950				5453
S Con. (13)	5	Br. (4, 9)	4		2.047	22,225				
Sub.	3	Li.	3	Asp. (11)	1.218	18,625				5454

APPENDIX A — STATE HIGHWAYS JANUARY 1.

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5455	Dela....	5.39		\$87,923 81	\$87,923 81	4/ 2/14	100	7/31/15	7 65	14	14	63,162
5455	Osego....	2.50							0.24	14	14	1,562
5456	Dela....	6.89		116,085 35	116,085 35	4/ 2/14	100	1/18/16	6.89	14-16	22-24	58,340
5457	Sullivan..	6.48		90,851 27	90,851 27	4/ 3/14	100	3/10/16	6.48	18	28	60,860
5457A	Sullivan..	0.72		13,366 07	13,366 07	7/16/15	100	7/ 5/16	0.72	16	30	6,782
5458	Scho....	8.91		102,272 79	97,608 27	4/ 3/14	100	9/ 2/15	8.91	16-38	20-42	86,594
5459	Dela....	5.66		70,414 99	70,414 99	4/14/14	100	2/ 2/15	5.66	14	21-26	46,432
5460	Dutchess..	10.87		125,487 17	125,487 17	4/ 2/14	100	3/10/16	1.21	14	28	9,944
									9.66	14	28	79,569
5461	Oneida....	3.43		42,007 43	42,007 43	5/14/14	100	11/25/14	3.43	16	28	32,227
5462	Greene....	2.44		32,388 16	32,388 16	4/ 2/14	100	11/10/14	2.44	14	26	20,050
5463	Genesee...	3.24		30,748 18	30,748 18	6/ 3/14	100	12/18/14	3.24	16	32	30,404
5464	West....	4.73		77,375 50	77,375 50	4/ 2/14	100	3/ 3/17	4.73	16	28	44,405
5465	Herk....	1.17										
5465	Oneida....	1.26		42,654 05	42,654 05	5/15/14	100	12/ 8/14	2.20	18	28	20,636
5465	Osego....	1.53							1.76	16	28-34	16,556
5466	Herk....	1.12		96,337 17	96,337 17	4/ 2/14	100	9/ 1/15	2.41	16	28	23,272
									4.71	14	24	38,733
5467	St. Law....	1.85		95,773 43	51,259 94	5/ 3/14	100	12/18/14	1.85	24-40	24-40	32,137
									1.17	14	24-26	9,626
									0.79	16-24	32-48	9,343
												3,255
5468	Franklin..	4.66		76,364 33	69,905 61	4/ 8/14	100	2/15/16	2.70	14	24-26	22,048
* 5469	Orleans....	8.95		125,181 67	125,181 67	5/22/14	100	7/27/17	8.95	16, 25	32	87,018
5470	Onondaga..	6.68		97,436 07	97,436 07	5/14/14	100	10/ 9/15	6.69	16, 34	32, 34	62,848
5471	Tioga....	9.08		79,921 42	79,921 42	5/15/14	100	7/22/15	9.08	14-16	26-28	75,906
5472	Cortland..	2.11				10/20/14	100	1/ 3/17	0.94	14	28	7,700
									1.17	14	28	9,592
5473	Ontario....	1.30		61,650 70	37,324 93	7/ 8/14	100	12/20/15	0.21	16	32	2,020
									1.09	16-28	30-32	16,220
5474	Schuyler..			31,057 04	31,057 04	5/23/14	100			16	26	8,295
5474	Tomp....										26	
									0.88	16	26	8,291
5474A	Schuyler..			56,270 52	56,270 52	6/ 8/15	100	1/18/16				
5474A	Tomp....								6.69	16	26-33	62,814
5474	Schuyler..	1.31							0.88	16	26	8,295
5474A	Tomp....	6.26		87,327 56	87,327 56							
									6.69	16	26-33	62,814
5475	Clinton....	0.30		17,746 12	8,167 63	7/ 8/14	100	12/12/14	0.30	30	30	5, 21
5476	Allegany..	4.66		89,868 75	68,724 50	6/11/14	100	12/ 3/15	1.41	16-47	26-47	22,969
									3.25	16	32	30,458
5477	Onondaga..	0.70		11,195 05	11,195 05	5/23/14	100	8/25/14	0.70	16-20	28-32	6,685
5478	Renss....	6.34		79,140 87	79,140 87	5/15/14	100	11/26/15	6.34	16	22-26	59,519
5479	Renss....	6.18		93,640 76	93,640 76	5/16/14	100	1/ 4/16	6.18	18	22-26	58,040
5480	Orange....	1.48		32,947 83	32,947 83	6/10/14	100	9/11/16	11.48	16	26	13,885
5481	Allegany..	7.22		95,102 07	95,102 07	6/10/14	100	11/13/15	7.22	16	28	67,900
5482	West....	2.17		107,478 12	61,714 27	7/ 8/14	100	5/13/15	1.02	20-40	30-40	17,734
									1.15	20-40	30-40	21,034
5483	Allegany..	0.76		29,630 37	17,569 58	8/19/14	100	12/28/14	0.76	24	24	10,838
5484	Dutchess..	2.09		38,029 95	38,029 95	6/10/14	100	2/23/16	1.33	14	28	10,877
									0.76	114-18	28-30	6,632
5485	Clinton....	9.63		100,999 65	100,999 65	6/11/14	100	9/30/15	9.63	14	26	79,550
5486	Oswego....	1.14		47,654 60	23,520 18	6/29/14	100	12/23/14	0.54	16	32	5,028
									0.60	40	40	12,967
5487	Oswego....	1.47		35,809 12	26,310 11	6/29/14	100	12/15/15	1.40	16, 25	28, 30	15,850
									0.07	25	28	1,196
5488	Suffolk....	12.89		160,131 39	160,131 39	6/30/14	100	1/12/16	12.89	6, 128	28, 34	121,654
										4		2,932
5489	Dutchess..	0.79		51,480 79	21,950 34	7/18/14	100	2/ 2/15	0.79	31-36	32-36	17,237
5490	Sullivan..	1.56		49,213 09	26,078 30	6/27/15	100	10/20/15	1.56	16, 57	32, 57	28,472
									0.04	14	26	311
									0.43	14	26	3,546
5491	Greene....	5.18		55,689 24	55,689 24	8/18/14	100	2/ 8/16	3.61	14	26	29,668
									0.39	14	26	3,158
									0.71	14	26	5,787
5492	Madison....	5.79		58,804 58	58,804 58	7/ 1/14	100	9/30/15	1.53	16	28	14,300
									4.26	16	26	40,067

*Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Fid.	8	Li.	3	Se. water	0.749	13,065			Oiled	5455
Fid.	8	Li.	3	Asp. (10)	0.980	15,050				
Sub.	8	App. St.	3	Asp. (10)	0.837	18,050				5456
Sub.	8	Set.	3	T. (17)	1.000	13,865				5457
Sub.	8	Set.	3	Asp. (11)	0.833	18,030				5457A
Sub.	8	Li.	3	Se. water	0.638	10,240				5458
Sub.	8	Set.	3	Asp. (2)	0.836	13,470				5459
Sub. & Gr. 2	10	Gr.	3	H.C. T. (17)	0.920	13,680				5460
Gr.	6	Gr.	3	H.C. T. (17)	0.892	13,420				
		F Con. (13)	6		0.977	12,185				5461
Sub. & Set. 2	8	Set.	3	Asp. (10)	0.880	14,280				5463
Li.	3	Li.	3	Asp. (11)	0.813	9,120				5463
App. St.	6	App. St.	3	Asp. (10)	0.885	15,930				5464
Sub.	6	Imp. St.	3	Se. water	0.669	9,455			Oiled	5465
Sub.	6	Imp. St.	3	Asp. (10)	0.939	11,985				
		F Con. (1)	6		1.000	16,280				5466
Sub.	6	App. St.	3	Se. water	0.575	12,290				
S Con. (d) (17)	5	Br. (31)	4		2.225	28,275				5467
Sub.	6	Fid.	3	Asp. (7)	1.001	13,690				
S Con. (d) (1, 3)	6	Br. (17)	4		1.900	22,125				5468
(Shoulders)		F Con. (a)	6	(1, 3)	0.683					
Fid.	3	Fid.	3	Asp. (7)	0.978	13,470				
		F Con. (13)	6		1.000	12,900				5469
		F Con. (2, 12)	6		0.992	13,600				5470
Fid.	6	App. St.	3	Se. water	0.665	9,370				5471
Sub. & App. St. 3	9	App. St.	24	Asp. (11)	1.264	18,060				5472
App. St.	5	App. St.	24	Asp. (11)	1.181	17,090				
S Con. (d) (5)	5	Se. Bl.	6		3.160	45,400				5473
S Con. (d) (5)	5	Br. (22)	4		2.060	35,077				
Grv. Con. (d)	5	(11)							Oiled	5474
(Excavation)				Li. Se. L.C. T. (17)	0.312				Oiled	5474A
Sub.	6	Li.	24	Se. water	0.650					
Grv. Con. (d)	5	(11)		Li. Se. L.C. T. (17)	0.882	12,920				5474
Sub.	6	Li.	24	Se. water	0.650	10,740				5474A
S Con. (d) (6)	6	Br. (26)	4		2.480	37,058				5475
S Con. (d) (1)	5	Br. (32)	4		2.112	22,551				5476
		H Con. (SI)	6	(1)	0.900	11,171				
Grv.	6	F Con. (14)	6		1.220	15,681				5477
Sub. & Gr. 2	8	Gr.	3	Se. water	0.707	12,500				5478
Gr.	4	Gr.	3	Asp. (10)	1.109	15,125				5479
App. St.	13	App. St.	3	Asp. (11)	0.930	27,340				5480
		H Con. (15)	5		0.875	12,959			Oiled	5481
S Con. (d) (15)	5	Br. (2) (25)	4		2.384	30,400				5482
S Con. (d) (15)	5	Asp. Bl.	2		2.164	29,270				
S Con. (d) (15)	5	Br. (14)	4		2.020	29,320				5483
Li.	5	Li.	3	Asp. (10)	0.974	18,560				5484
Sub. & Li. 2	10	Li.	3	Asp. (10)	1.030	19,085				
Fid.	6	Gr.	3	T. (17)	0.895	11,500				5485
App. St.	5	App. St.	3	Asp. (11)	1.204	18,330				5486
S Con. (d) (10, 12)	5	Br. (20)	4		2.174	27,440				
App. St.	5	Li.	3	Asp. (11)	1.210	30,260				5487
S Con. (d) (17)	5	Br. (25)	4		2.310	30,060				
		F Con. (6)	6		1.010	11,110				5488
(Shoulders)		Grv.	4	Water	0.362					
S Con. (d) (10)	5	Br. (2)	4		2.190	37,500				5489
Grv. Con. (d) (15)	5	Tr.	2	Asp. (11) M.M.-1	1.254	19,308				5490
Sub. & App. St. 3	9	App. St.	3	Se. water	0.708	12,225				
Sub. & App. St. 4	10	App. St.	3	Se. water	0.764	12,740				
Sub. & App. St. 2	8	App. St.	3	Se. water	0.653	12,700			Oiled	5491
Sub.	6	App. St.	3	Se. water	0.542	10,660				
App. St.	3	App. St.	3	Se. water	0.492	10,100				
Sub.	6	Li.	3	Asp. (10)	0.992	12,690			Oiled	5492
Sub.	6	Li.	3	Se. water	0.720	10,135			Oiled	

APPENDIX A—STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Percent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5493	Genesee	0.27	.....	\$7,078 80	\$7,078 80	6/29/14	100	11/18/14	0.27	16	32	2,653
5494	Scho	0.70	.....	21,622 18	13,121 45	6/29/14	100	5/14/15	0.70	16-33	26-36	10,913
5495	Steuben	3.48	.....	38,467 52	38,467 52	7/18/14	100	1/5/15	3.48	14	28	28,571
5496	Scheneco	0.90	.....	37,403 93	20,213 13	7/29/14	100	1/18/15	0.90	10-30	26-30	14,412
5497	St. Law.	9.79	.....	114,015 57	114,015 57	6/30/14	100	1/28/16	9.79	14	28	80,423
5498	Orange	.....	4.03	360,500 00	360,500 00	7/13/15	70	.....	4.03	16	24	37,758
5499	Albany	2.38	.....	41,066 66	41,066 66	7/9/14	100	12/23/15	0.33	16	28	3,180
5500	Essex	7.18	.....	97,150 43	97,150 43	7/29/14	100	7/5/16	7.18	14	20-24	58,979
5501	Albany	2.86	.....	37,234 06	37,234 06	7/29/14	100	12/3/15	2.86	14-16	14-16	21,480
5502	Allegany	12.06	.....	167,964 28	167,964 28	7/7/14	100	12/23/15	4.32	16	28	40,619
5503	Wayne	2.90	.....	32,028 25	32,028 25	9/8/14	100	3/8/16	2.90	14-16	30	72,660
5504	Rock	0.30	.....	9,079 39	9,079 39	7/28/14	100	11/23/14	0.39	16	26	24,175
5505	Nassau	2.91	.....	49,510 97	49,510 97	7/31/14	100	12/3/15	0.72	16	23-27	3,690
5506	Broome	1.27	.....	64,472 47	31,161 95	10/4/14	100	1/18/16	1.68	16	30-32	4,782
5507	Monroe	2.14	.....	21,321 97	21,321 97	4/16/15	100	12/3/15	1.27	25-32	25-32	6,790
5508	Ulster	6.48	.....	91,596 26	91,596 26	1/7/15	100	2/29/16	1.68	16	22-28	16,466
5509	St. Law.	5.83	.....	89,172 67	89,172 67	8/18/14	100	1/4/16	1.27	25-32	25-32	23,089
5510	Sullivan	8.18	.....	.....	.....	10/3/14	100	5/22/18	2.14	16	34-50	20,109
5510A	Sullivan	0.44	.....	.....	.....	11/4/15	100	5/22/18	5.21	14	28	43,341
5511	Ontario	5.83	.....	83,515 28	79,495 46	9/3/14	100	11/23/16	0.90	14	28	7,358
5512	Rock	.....	3.75	73,400 00	73,400 00	.....	.....	.....	0.37	14	24	3,055
5513	Herk	0.90	.....	47,244 61	12,396 58	10/17/14	100	9/22/15	1.25	16	32	11,958
5514	Hamilt.	6.98	.....	.....	.....	10/19/14	100	8/14/19	4.56	14	18-28	37,387
5515	Madison	0.81	.....	10,418 82	10,418 82	10/20/14	100	12/3/15	0.02	14	28	156
5516	Onondaga	8.73	.....	156,298 73	156,298 73	10/31/14	100	8/10/17	8.18	16	28	76,802
5517	Steuben	4.27	.....	48,323 37	48,323 37	12/12/14	100	12/30/15	0.44	16	26	4,083
5518	Allegany	4.75	.....	.....	.....	10/20/14	100	7/3/18	5.08	16	30	47,678
5519	Saratoga	.....	.....	.....	.....	12/14/14	100	.....	0.17	19	32	1,927
5519A	Saratoga	.....	.....	.....	.....	9/25/16	100	1/8/18	0.61	19	32	6,838
5519B	Sara.	3.71	.....	.....	.....	.....	.....	.....	1.15	16	26	10,800
5519C	Sara.	.....	.....	.....	.....	.....	.....	.....	2.60	16	26	24,253
5520	Clinton	11.83	.....	111,311 64	111,311 64	11/2/14	100	1/12/16	0.90	26-37	26-37	18,725
5521	Oneida	5.72	.....	63,047 05	63,047 05	11/4/14	100	12/8/15	6.98	14	24	57,283
5522	Monroe	3.97	.....	40,464 79	40,464 79	11/4/14	100	11/20/15	0.81	16	36	7,636
5523	Hamilt.	.....	.....	.....	.....	.....	.....	.....	1.23	14	30	10,099
5524	Herk	5.27	.....	53,728 46	53,728 46	11/4/14	100	12/28/16	7.50	14-16	28-30	64,602
5525	Cayuga	4.58	.....	65,673 10	65,673 10	1/6/15	100	10/23/16	4.37	14	26	25,030
5526	Orwego	4.78	.....	49,382 16	49,382 16	12/14/14	100	10/14/15	3.18	14	26	26,109
5527	Dela.	3.90	.....	46,364 44	46,364 44	1/7/15	100	12/30/15	1.57	14	26	13,884
5528	Warren	0.61	.....	44,810 22	14,783 71	12/11/14	100	12/28/15	0.90	16	30	23,260
5529	Monroe	6.06	.....	71,011 93	71,011 93	12/14/14	100	12/23/15	1.77	14-16	28-30	14,041
5530	Jeffers	0.95	.....	33,182 45	33,182 45	12/14/14	100	10/13/15	0.31	16	30	3,933
5531	Waah	1.32	.....	50,954 36	26,854 88	13/15/14	100	12/28/15	3.90	14	26	23,064
5532	Allegany	2.58	.....	60,223 71	57,812 87	10/29/15	100	12/18/17	0.61	361	40	12,068
5533	Steuben	2.67	.....	.....	.....	.....	.....	.....	6.06	16-26	30-32	40,270
5534	Allegany	.....	.....	.....	.....	.....	.....	.....	0.95	16	32	9,088
5535	Allegany	.....	.....	.....	.....	.....	.....	.....	0.69	116-20	24-30	6,869
5536	Allegany	.....	.....	.....	.....	.....	.....	.....	0.63	32-36	32-36	13,438
5537	Allegany	.....	.....	.....	.....	.....	.....	.....	0.38	26/16	28	3,535
5538	Allegany	.....	.....	.....	.....	.....	.....	.....	4.87	10	.....	2,214
5539	Allegany	.....	.....	.....	.....	.....	.....	.....	.....	14	26	40,540

* See Appendix B, list by counties. † Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAVEMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sc. Grv. Con (d) (1).	5	Br. (11)...	4		2.096	24,910			5493	
		F Con. (s)	6	(10).....	1.008	25,030			5494	
Grv. Con (d) (11)	5	Grv.	1 1/2	T. (17)	0.803	12,000			5495	
S Con. (d) (10)	5	Br. (23)	4		2.140	27,120			5496	
Fld.	18	Dol.	3	Asp. (10)	0.913	11,335			5497	
App. 8	3	App. St.	3	Asp. ()	0.702	96,680			5498	
		F Con (9,10)	0		1.120	20,050				
Tr.	4	App. St.	3	Asp. (10)	0.802	17,135			5499	
Tr.	4	Tr.	3	Sc. water	0.750	16,570			Oiled	
Gab. G.	4	Gab. G.	3	Sc. water	0.613	14,727			Oiled	
Fld. 6" Ld. 2"	4	Li.	3	Sc. water	0.909	18,215			Oiled	
Grv. Con (d) (3)	5			Sc. H.C. T. (17)	0.003	14,895			Oiled	
St.	4	St.	2 1/2	Sc. water	0.740	13,375			Oiled	
		F Con. (10)	6		0.983	11,905				
Sub. 6" Tr. 2"	10	Tr.	3	Asp. (2)	1.540	23,130			5503	
Old Mac. Tr. 1 1/2"	11	Tr.	3	Asp. (10) M.M.I	1.268	15,490			5504	
Old Mac.		Grv.	3	Asp. (10) M.M.I	1.160	14,150			5505	
Grv. Con (d) (18)	4 1/2	Tr.	2 1/2	Asp. (10) M.M.I	1.488	17,200				
Grv. Con. (d) (8, 17)	5	Br. (10)	4		1.760	31,350			5506	
Grv.	6	Li.	3	Sc. water	0.502	9,390			5507	
Sub. 6" Tr. 2"	8	Tr.	3	Asp. (2)	0.936	15,315				
Tr.	6	Tr.	3	Asp. (2)	0.708	13,335			5508	
Sub.	6	Tr.	2	Asp. (2)	0.317	9,840				
S Con (d) (10)	6	Br. (2)	4		2.643	28,300				
Sub.	6	Gn.	3	Asp. (7)	0.889	12,015			5509	
Sub.	6	Sat.	3	Asp.	0.333	7,795				
Fld.	6	Sat.	3	Asp. ()					5510	
Sub.	6	Li.	3	Sc. water	0.515	10,840			5510A	
Grv.	6	St. Hk.	5		2.957	33,570			5511	
S Con. (d) (10, 17)	6	Br. (25)	4		1.957	24,180				
S Con. (d) (10, 17)	6	H Con.	6		1.333	21,140			5512	
Fld.	6	H Con.	6		1.000	18,020				
		H Con.	6		2.290	33,465			5513	
S Con. (d, h) (10)	5	Bitu.	2						5514	
Sub.	6	App. St.	3	Sc. water					5515	
Fld.	6	Li.	3	Asp. (11)	0.925	12,195			5516	
Ld.	5	Li.	3	Asp. (10)	1.001	30,310				
Li.	3	Li.	2 1/2	Asp. (10)	0.773	18,170			5517	
Grv. Con. (d) (5)	5	App. St.	1 1/2	T. (17)	0.773	12,235			5518	
Fld.	6	S Con (5, 11)	6							
		S Con (5, 11)	6						5519	
									5519A	
St.	4	St.	3	Sc. Water	0.648	12,050			5519	
				T. (17)					5519A	
Sub.	6	Lo. St.	3	T (17)	0.771	10,320			5520	
		Lo. St.	3	T (17)	0.538	8,130				
Grv. 6" Set. 9"	9	Li.	3	Sc. water	0.781	10,800			Oiled	
Grv.	6	Li.	3	Sc. water	0.549	8,635			Oiled	
Grv.	6	Li.	3	Sc. water	0.871	10,765				
									*5523	
Sub.	6	Li.	3	Sc. water	0.537	10,110			5524	
Li.	5	Li.	3	Asp. (10)	1.074	15,390			5525	
Lo. St.	5	Lo.	8	Asp. (2)	0.910	11,821				
Lo. St.	3	Lo.	2 1/2	Asp. (2)	0.703	9,989			5526	
Old Mac.		Lo.	3	Asp. (2)		8,195				
Fld.	6	App. St.	3	Asp. (10)	0.817	23,355			5527	
S Con. (d) (9)	5	App. Hk.	2		2.190	28,370			5528	
		H Con.	6	(1, 10)	1.069	11,470			5529	
Sc. Grv. Con (d) (5, 11)	6	Br. (17)	4		2.330	24,460			5530	
		F Con. (15)	6-P		0.858	18,095			5531	
S Con. (d) (15)	15 1/2	Br. (32)	4		2.412	32,610				
S Con. (5, 17)	5	Br. (28)	4		1.981	21,405				
Shoulder		S Con (5, 17)	6		0.694	9,785			5532	
Sub.	5	St.	3	Asp. (2)	0.728	10,105				

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5533	Renss.	2.11		\$30,031 13	\$30,061 19	3/28/15	100	12/28/15	0.18	10	25	1,068
5534	Saratoga	4.98		61,487 90	61,487 90	1/ 8/15	100	1/29/16	1.93	16	26	18,218
15835	St. Law.	6.65		61,477 34	64,477 34	4/16/15	100	1/28/16	0.37	16	26	3,465
5536	St. Law.	8.25		103,327 98	103,327 98	1/ 7/15	100	1/ 4/16	4.61	14	26	37,885
5537	Steuben	1.72		37,699 18	29,346 85	7/19/15	100	1/27/16	6.46	14, 16	28, 32	54,072
5538	Genesee	2.84		28,583 74	28,583 74	1/11/15	100	12/20/15	0.19	16	32	1,815
5539	Monroe		7.31	87,000 00	87,000 00	9/28/15	86		8.35	14	28	66,577
5540	Essex	10.16		101,196 51	101,196 51	1/ 6/15	100	12/22/16	0.21	37	32	3,467
5541	Essex	5.97		63,033 44	63,063 44	1/ 6/15	100	1/30/17	1.51	16-32	36-32	15,088
5542	Saratoga	4.51		46,592 33	46,592 33	1/ 8/15	100	1/29/16	1.61	16	32	15,111
5543	Cattaraugus	6.95		140,000 00	140,000 00	3/29/15	46		1.23	16	32	11,555
5544	Cattaraugus	6.88		167,000 00	129,000 00	5/24/15	60		5.97	14	24	49,123
5545	Schenec.		5.62	50,855 00	50,855 00	5/14/15	21		4.51	14	26	37,018
5546	Erie	4.48		73,579 51	73,579 59	3/29/15	100	12/28/15	6.95	16	26-32	69,600
5547	Oneida		0.70	24,900 00	24,900 00	10/25/15	23		5.90	16	32	58,560
5548	Jeffers.	7.27		146,008 39	117,042 26	5/17/15	100	12/ 2/16	0.98	22-40	22-40	19,500
5549	Dutchess	0.88		40,485 18	23,315 89	6/13/16	100	1/ 5/18	5.62	14	26	46,800
5550	Erie	0.59		28,793 99	13,839 67	7/17/15	100	11/23/16	4.48	16	32	42,569
5551	Schenec.	3.34		38,066 65	39,096 65	5/24/15	100	10/15/17	0.70	16	28	7,000
5552	Frank.	8.78		88,798 09	88,798 09	5/ 7/15	100	12/28/15	5.91	14	32	48,907
5553	Oneida	5.73		60,927 37	60,927 37	5/24/15	100	12/12/16	1.36	16-18	32-61	22,700
5554	Fulton	4.58		50,972 07	50,972 07	6/18/15	100	12/ 6/16	0.60	10-40	30-42	11,069
5555	Albany	4.19		53,977 65	53,977 65	6/10/15	100	11/29/16	0.28	13-16	30-47	2,296
5556	Orleans	0.17		2,906 24	2,906 24	6/12/15	100	12/28/15	0.91	17-31	30-47	3,748
5557	Schuyler		6.03	80,000 00	80,000 00	7/24/15	45		0.59	26-28	26-28	9,573
5558	Oneida	4.68		44,342 43	44,342 43	11/15/15	100	2/ 6/17	5.73	16	28	53,746
5559	Herk.	4.31		78,815 43	78,816 46	6/18/15	100	3/ 5/18	4.58	16	26	42,964
5559	Oneida	4.53							6.03	10-12	32	41,400
5560	Niagara	1.32		32,097 37	24,115 15	6/18/15	100	1/ 4/16	4.68	16	28	43,974
5561	Niagara	4.40		59,566 61	59,566 61	6/17/15	100	12/18/16	8.89	16	16-30	84,000
5562	Niagara	2.33		41,781 03	41,781 03	6/18/15	100	1/ 4/16	0.76	16	32	7,154
5563	Niagara	5.07				6/26/15	100	11/19/18	0.37	16	26-32	3,442
5564	Steuben	7.31		69,736 22	68,153 11	7/15/15	100	3/ 3/17	0.19	40-46	40-48	4,935
5565	Chen.	7.78		102,028 17	85,795 57	7/22/15	100	7/27/17	4.40	16-21	32	41,396
5566	Cortland	0.23		2,809 56	2,803 86	7/17/15	100	10/19/16	2.08	16	32	19,795
5567	Tomp.	3.05		31,781 07	31,781 07	7/16/15	100	1/25/16	0.25	16	26-28	2,311
5568	Chen.	3.98		54,449 54	54,449 54	7/15/15	100	1/ 3/17	0.34	24-36	32-35	6,420
5569	Scho.	4.79		50,996 51	50,996 51	7/14/15	100	10/14/16	4.78	16	32-44	47,049
5570	Ulster	2.91		31,400 46	31,415 46	7/15/15	100	9/24/17	0.76	16	32	7,154
5571	West.		4.29	73,500 00	73,500 00	7/16/15	55		0.37	16	26	3,442
5572	Orange								0.19	40-46	40-48	4,935
5573	Orange		1.17	15,500 00	15,500 00	8/31/15			4.40	16-21	32	41,396
5574	Colum.	1.17		46,533 55		8/31/15	100	3/ 8/17	2.08	16	32	19,795
5575	Schuyler	0.90				8/31/15	100	11/23/18	0.25	16	26-28	2,311
5576	Tomp.	3.32							0.34	24-36	32-35	6,420
5577	Ontario	4.69		3,962 41	3,962 41	8/30/15	100	12/ 3/15	4.78	16	32	7,154
5577	Scho.		7.95	112,300 00	112,300 00	8/31/15	61		7.31	14	26-31	33,117
									0.64	14	24	5,400

† Changed from original plans.

‡ Combined with 5493.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PERCENT PAYMENT			Highway No.
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16-26 highway	Year resurfaced	Miles	Type	
Kind	Thickness	Kind	Thickness							
Lo. St.	4	Lo. St.	3		0.639	11,295				5533
8 Con. (d)	6	F Con. (a)	6 1/2	(10)	0.966	15,365				5534
Sub. 6, Gab. 2	8	Br. (17)	4		2.270	26,173				5535
Sub.	8	Gab.	3	So., water	0.752	12,025				5536
		Li.	3	Asp. (10)	0.803	10,560				5537
		F Con. (9)	6 1/2		1.168	13,930				5538
Fld. 8" Gn. Sy. 2"	10	Gn. Sy.	3	Asp. (2)	1.062	13,480				5539
8 Con. (d) (5, 16)	5	Br. (35)	4		1.875	24,430				5537
		H Con. (d.)	6	(5, 16)	0.892	18,200				5538
Li.	3	Li.	3	So., water	0.598	9,123				5538
Li.	3	Li.	3	So., water	0.681	9,910				5539
App. St.	3	Li.	3	So., water	1.090	14,285				5539
Lo. St.	3	Lo. St.	3	So., water	0.552	11,000				5540
Lo. St.	3	Lo. St.	3	So., water	0.516	11,410				5541
Sub. 6", Lo. 2"	3	Lo. St.	3	So., water	0.701	11,160				5542
		F Con. (5)	6		1.100	17,905				5543
		F Con. (16)	6		1.125	18,330				5544
8 Con. (16)	6	Br. (1)	4		2.203	28,451				5545
Sub. 6", Ap. St. 2"	8	App. St.	3		0.889	12,385				5546
		F Con. (5)	18P		1.317	16,091				5547
8 Con. (9)	5	App. St.	2	MM-2	1.980	33,809				5547
		F Con. (a)	16 1/2		0.933	13,873				5548
		(1, 10)	P		2.344	27,143				5549
8 Con. (d) (1, 10)	5	Br. (3)	4		0.983	18,709				5549
F Con.	5	F Con.	4		2.168	29,880				5549
		Br.	4		0.983	18,760				5549
Grv. Con. (d) (1, 11, 16, 23)	5	Br. (1)	4		1.993	29,840				5550
Sub. 6", Lo. 2"	8	Lo. St.	3	So., water	0.635	12,150				5551
		Gn. & Gn.	3	Asp. (10)	0.503	8,570				5552
Lo. Sub.	9	Gn. & Gn.	3	Asp. (10)	0.758	10,965				5553
Sub.	9	Set.	3	So., water	0.600	10,560			Oiled	5553
Sub.	6	Gn.	3	T. (17)	0.587	11,140				5554
Sub. 6", Ap. St. 2"	3	App. St.	3	T. (17)	0.978	12,790				5555
Sub.	6	Li.	3	So., water	1.028	17,194				5556
Fld.	6	Li.	3	So., water	1.090	16,342				5557
Sub.	6	Lo. St.	3	So., water	0.554	8,753			Oiled	5558
Sub.	6	Li.	3	So., water						5559
		F Con. (1)	17P		0.933	13,765				5560
Grv. Con. (g) (1)	17P	Br. (3)	4		1.876	22,615				5561
Grv. Con. (g) (1)	5	Br. (3)	4		1.876	22,615				5562
		F Con. (11)	6		0.901	12,735				5563
8 Con. (11)	17P	F Con. (11)	18P		1.033	13,810				5564
8 Con. (d) (10, 16)	5	Br. (3)	4		1.869	21,650				5565
		Br. (3)	4							5566
		F Con. (10, 16)	6							5567
Grv.	5	Li. & Sl.	3	So., water	0.613	9,960				5568
Sub.	6	Li.	3	Asp. (10)	0.771	12,600				5569
Sub. 8", Sl. 1 1/2"	9 1/2	Sl.	2 1/2	Asp. (11)	0.843	12,020				5570
Sub.	6	Li.	3	So., water	0.676	11,215			Oiled	5571
Grv. Con. (d) (8)	6	Li.	1 1/2	T. (17)	0.839	13,385				5572
Grv. Con. (d) (8)	6	Li.	2 1/2	T. (17)	1.136	16,170				5573
Sub.	3	Li.	3	Asp. (10)	0.775	11,550				5574
Sub.	6	Lo. St.	3	Asp. (11)	0.552	10,393				5575
App. St.	5	App. St.	3	Asp. (10)	0.941	17,140				5576
Sub. 8", Ap. St. 2"	10	App. St.	3	Asp. (10)	1.002	17,775				5577
App. St.	3	App. St.	3	So., water	0.774	15,533				5578
App. St.	3	App. St.	3	Asp. ()	0.723	12,785				5579
Set.	5	Tr.	3	Asp. (10)	0.973	20,290				5580
Sub.	6	Lo. St.	3	So., water	CO. ()					5581
Old Mac.		App. St.	Var.	T. (17) Sn	0.076	1,050	1917	4.69	3" Bit. Mac.	5582
Set. Sub.	3	Set.	3	Asp. ()	0.903	15,810				5583
Set.	4	Set.	3	Asp. ()	0.859	15,340				5584

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5578	Wash...	1.88		\$34,513 14	\$34,513 14	8/31/15	100	11/23/16	1.88	14	26	15,451
5579	Herk...	6.55		82,400 00	82,400 00	8/30/15	90		6.55	16	26	62,480
5580	Dutchess	6.97		105,000 00	105,000 00	8/10/15	32		6.97	10-14	24-36	55,145
5581	Monroe	0.14		11,899 28	3,213 15	9/10/15	100	5/ 5/16	0.14	36	50	4,994
5582	Genesee	4.53				10/26/15	100	11/ 4/13	4.53	16	32	42,900
5583	Greene		4.77	60,500 00	60,500 00	8/24/15	98		4.79	14	26	39,300
5584	Herk...	4.18		55,800 45	55,879 45	8/31/15	100	12/24/17	4.18	16	26	39,254
5585	Chen...		6.18	54,900 00	49,945 00	8/24/15	25		6.18	14-16	26	63,380
5586	Madison											
*5586	Madison	3.05	4.84			8/30/15			7.91	14	26	65,646
5587	Onond.		5.12	102,900 00	83,800 00	4/21/16	51		0.37	35	35	8,837
									4.75	17	30-34	47,385
5588	Greene		3.95	156,094 73	156,094 73	8/26/15	50		3.56	16	24	33,360
									0.40	16	24	3,780
5589	Seneca	5.01		52,761 20	50,725 71	10/33/15	100	8/30/17	4.61	14	30	37,669
									0.40	18, 22	31, 32	5,140
5590	Niagara								0.21	16	24	1,984
5591	Orange	0.38		3,351 50	3,351 50	10/26/15	100	6/14/16	0.15	16	24	1,338
									0.02	16	24	199
*5592	Saratoga											
5593	Livingst.		7.69	78,000 00	78,000 00	10/26/15	4		3.82	16	32	26,510
									4.87	16	24-32	45,680
5594	Clinton	3.79				10/26/15	100	8/10/18	2.87	14	26	28,590
									0.92	14	26	7,510
									1.09	14	26	8,944
5595	Cort...	3.75		46,651 12	36,272 31	11/ 1/15	100	1/30/17	1.75	14	20-32	14,333
									0.90	16-49	26-49	11,013
									0.01	45	49	472
5596	Chaut...	0.80		23,800 83	21,564 55	11/15/15	100	3/21/18	0.80	16-48	32-48	9,265
5597	Oneida		5.34	63,200 00	68,300 00	9/11/15	7		5.34	16	28	50,543
5598	Saratoga	1.10				8/21/16	100	9/15/18	1.10	35-40	35-40	21,745
*5599	Ulster											
*5599A	Ulster											
5600	Erie	2.11		31,673 69	31,673 69	6/ 7/16	100	12/12/16	2.11	16	24-36	19,934
5601	Ulster	1.85				6/ 9/16	100	5/27/18	1.03	16	24-40	5,969
									0.82	16-33	19-58	16,200
5602	Frank...	1.99		82,100 00	43,300 00	8/21/16	71		1.53	14	30	12,577
									0.46	26-30	36-30	12,737
*5603	Orleans											
5604	Oneida		1.05	53,000 00	21,800 00	8/ 2/17	90		0.34	27	41	5,366
									0.71	9		1,770
5605	Oneida	0.52		29,185 09	7,360 04	5/ 9/17	100	12/18/17	0.52	30	28	6,702
5606	West...	2.74				5/14/17	100	12/ 6/13	2.74	16-20	25-34	32,171
5607	Cattaraugus	4.73		78,800 00	78,800 00	11/ 1/16	5		4.73	16	32	44,811
5608	Cattaraugus	2.17		36,000 00	36,000 00	3/16/17	27		2.17	16	32	20,344
5609	Cayuga	3.89		55,000 00	55,000 00	7/15/16	72		3.89	14	28	31,500
5610	Cayuga	4.39		75,800 00	75,800 00	7/11/16	34		3.76	14	28	30,873
									0.63	14	28	5,200
5611	Steuben	5.75		56,880 79	56,880 79	7/14/16	100	2/ 4/13	5.75	14	26	47,242
5612	St. Law.		9.12	170,600 00	170,600 00	10/13/16	81		2.18	14	26	17,898
									6.94	14, 16	28, 32	57,620
5613	Franklin		10.36	141,000 00	141,000 00	8/22/16	73		10.86	14	28	95,068
5614	Albany	0.10		1,917 44	1,917 44	8/17/16	100	11/29/16	0.10	16	26	924
5615	Albany		9.07	126,000 00	121,000 00	8/21/16	16		9.07	14, 40	26, 40	86,114
5616	Ontario	2.26				8/21/16	100	12/18/17	2.26	16	24-26	21,177
5617	Jeffers		5.08	68,000 00	68,000 00	5/21/16	98		0.61	14	30	5,010
									4.42	14	30	36,396
5618	Jeffers		4.06	69,000 00	56,200 00	8/31/16	93		8.84	14-22	28-32	31,998
									0.21	22-28	22-28	3,611
5619	Scho...	2.73		37,433 43	37,433 43	8/23/16	100	11/ 9/17	2.73	14	26	32,428
5620	Ontario	0.82		12,846 40	7,990 52	8/21/16	100	1/24/17	0.82	16-25	16-35	8,632
*5621	Herk...											
5622	Erie		5.19	119,500 00	119,490 80	11/2/16	1		5.19	16	26-40	48,718
5623	Chen...	1.30		24,600 00	15,000 00	9/25/16	98		0.64	11-24	22-26	7,977
									0.66	14	22	5,561

* See Appendix B, list by counties.

† Changed from original plans.

1898 TO DECEMBER 31, 1918 — (Continued)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS		PRESENT PAYMENT		Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 16'-20' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness							
Sub. 6", Lo. 2"	2	Lo.	3	Se. T. (17)	0.721	19,205			5578	
Fld.	3	Fld.	3	H.C. T. ()	0.716	12,450			5579	
Sub.	3	Lo. St.	3	Asp. ()	1.010	16,040			5580	
S Con. (d) (2)	3	Br. (18)	4		1.856	26,500			5581	
Li.	3	Li.	3	Sc. water					5582	
Sub. Sub.	3	Set.	3	Asp. (10)	0.828	13,515			5583	
Sub.	3	Set.	3	Sc. water	0.658	13,330			5584	
Fld.	3	Li.	3	Se. H.C. T. ()	0.697	9,679			5585	
Fld.	3	Li.	3	Sc. water					5586	
S Con. (10, 12)	5	Br.	4		1.989	24,671			5587	
		F Con.	6		1.035	15,716			5588	
Fld.	3	Fld.	3	Sc. water	0.463	40,750			5589	
Old Mm.	3	Fld.	3	Sc. water	0.212	38,405			5590	
Sub.	3	Li.	3	CaCl.	0.818	10,875			5591	
Sub.	3	Li.	3	Asp. (11)	0.957	12,175			5592	
Sub. 6, Li. 2	3	Li.	3	Sc. water	0.745	9,800			5593	
Li.	13	Li.	3	Sc. water	0.618	8,610			5594	
Li.	2	Li.	3	Sc. water	0.535	7,830			5595	
Fld.	3	Li.	3	CaCl.	0.746	10,530			5596	
Grv.	5	Li.	3	CaCl.	0.586	9,030			5597	
App. St.	3	App. St.	3						5598	
Sub. 6, App. St.	3	App. St.	3						5599	
Sc. Grv.	4	Li.	2	Sc. water	0.497	9,820			5600	
Li.	4	Li.	2	Sc. water	0.498	9,820			5601	
Li.	4	Li.	2	Asp. (11)	0.644	11,380			5602	
S Con. (20)	5	Br. (10)	4		2.768	30,570			5603	
S Con. (e) (16, 20)	5, 6	Br. (11, 15)	4		1.958	24,145			5604	
Sub.	6	Li.	4	Sc. water	0.674	12,565			5605	
S Con.	6	Br.	4	CT. ()					5606	
		F Con. (10, 18)	7-P		1.083	14,025			5607	
		F Con. (1, 6)	5-P						5608	
S Con. (1, 6)	5	Br. (17)	4	Asp.	1.050	20,452			5609	
Sub.	6	Grv.	3		2.714	36,072			5610	
S Con.	5	Br.	4						5611	
S Con.	5	Bitu.	2		2.658	41,950			5612	
S Con.	4	Br. (on R.R.)	4						5613	
S Con.	5	F Con.	7-P		1.542	31,470			5614	
		Bitu.	2		2.644	31,685			5615	
		F Con.	6		1.600	21,870			5616	
		F Con.	6-P		1.215	15,328			5617	
		F Con.	7-P		1.225	15,280			5618	
		F Con.	7-P		1.083	15,738			5619	
		F Con.	7-P		1.125	17,698			5620	
Li.	5	Li.	3	Sc. water	0.860	15,295			5621	
Sub.	6	Slng.	3	CaCl.	0.667	10,670			5622	
Sub.	6	App. St.	3	Asp.	1.181	16,245			5623	
		F Con.	6-P		1.690	21,020			5624	
Sub.	6	App. St.	3	Asp.	0.922	14,285			5625	
Fld. & Li. 2	3	Li.	3	T (17)	1.335	19,303			5626	
Sub.	6	Sl.	3	Sc. water	0.812	12,465			5627	
Grv.	5	Grv.	3	CT.					5628	
Sub.	6	Li.	3	Asp.	0.978	13,279			5629	
Sub.	6	Li.	3	Asp.	1.108	14,453			5630	
Sub.	6	Gn.	3	Asp.	0.947	15,328			5631	
S Con.	6	Br.	4		2.817	32,881			5632	
Sub.	6	Li.	3	T	0.979	14,850			5633	
		F Con. (11)	6		1.091	13,776			5634	
		F Con.	7-P		1.282	21,061			5635	
Sub.	8	Li.	3	Sc. water	0.892	14,560			5636	
Sub.	6	Li.	3	CT.	0.780	13,510			5637	

APPENDIX A — STATE HIGHWAYS JANUARY 1,

See page 186 for explanation

Highway No.	County	Miles		Total cost	State's share of total cost	Date of contract	Per cent completed	Date of acceptance	Center-line type mileage	Width of pavement	Width of roadway	Square yards of pavement
		Accepted	Under contract									
5624	Otaego...	1.04				9/25/16	100	9/19/18	1.04	15-24	27	10,846
*5625	Onon...											
*5626	Fulton...											
*5627	Tomp...											
5628	Dutchess		6.79	\$94,200 00	\$94,200 00	11/24/16	5		6.79	10-16	24-28	55,198
5629	Colum...	5.03		71,067 91	71,367 91	2/23/17	100	9/29/18	5.02	14	26	41,272
*5630	Onon...											
5631	Herk...	0.71		38,059 70	9,719 02	12/14/16	100	5/ 3/18	0.71	16-35	26-35	11,098
5632	Wayne...		5.85	91,800 00	91,800 00	10/28/16	93		0.57 5.28	14 14	28-30	43,325
*5633	Oneida...											
*5634	Erie...											
*5635	Erie...											
5636	Albany...		3.93	70,000 00	70,000 00	11/28/16			3.93	16	26	33,368
*5637	Wash...											
5638	Oswego...	5.63				2/23/17	100	12/27/18	5.63	14	28-30	46,200
*5639	Saratoga											
5640	Oneida...	1.27				5/ 9/17	100	9/24/18	0.70 0.57	16-48 16	26-48 28	13,747 5,343

HIGHWAYS BUILT UNDER

†	Wash.	0.10		48,867 80	48,867 80	1/24/13			0.10	16	Var.	
9100	Livingst.	1.18						5/15/17	1.10	16	22	10,331
									0.08	12-16	22	681
9101	Albany.	1.59		45,524 08	24,592 10	12/14/14	100	12/19/16	1.05 0.54	20-25 26-32	40 30-36	12,671 9,726

ROADS PAVED BY COUNTIES AND TAKEN

9000	Rock...	4.31				1907-'08			4.31	16		40,462
9001	Niagara.	4.44		15,202 73				1911	1.77 0.67	14 14	28 28	14,490 5,520
9002	Niagara.	2.75		16,763 96		1911		1911	2.75	12	28	19,430
9003	Dutchess	1.46							1.46	16-40	16-40	
9004	Dutchess	0.83		5,000 00		1906			0.83	16	18-26	7,790
9005	Rock...	7.30							7.30	12		50,400
9006	Rock...	3.60				1906			3.60	12		26,400
9007	Franklin	15.87							6.88 8.99	12 11	22 22	48,400 53,325

HIGHWAYS RECONSTRUCTED

2A	Erie....	6.48		24,294 57	12,147 29	8/ 9/00	100		6.04 0.44	12 20	32 32	42,539 5,104
2 R2	Erie....	1.80		67,524 66	21,783 00	6/12/12	100	7/18/13	1.80	20,42	32,42	25,296
7A & B	Albany...	1.01		8,217 53	4,108 77	3/27/03	100		1.01	15	28	8,862
27R	Erie....	1.16		24,467 30	12,233 65	10/ 1/09	100	1/24/12	1.16	25, 16	32, 26	10,846
66R	Erie....	0.95		21,494 86	10,747 43	10/ 1/09	100	12/31/11	0.44 0.51	16 16	26 26	4,171 4,790
67R	Erie....	3.41		75,275 49	37,637 74	10/ 1/09	100	8/11/12	3.41	16	26	32,003
68R	Erie....	1.15		24,967 79	12,483 89	10/ 1/09	100	6/30/11	1.15	16, 25	26, 30	10,957
145R	Dela...	1.00		11,814 87	8,861 16	5/27/10	100	6/30/11	1.00	16	26	9,389
731R	Cattar...	1.23		81,814 13	14,030 28	3/ 5/14	100	11/15/17	1.23	140	140	28,626

* See Appendix B, list by counties.

† Changed from original plans.

‡ Chap. 518 Laws of 1912.

1898 TO DECEMBER 31, 1918 — (Concluded)

MATERIALS USED IN CONSTRUCTION					UNIT COSTS	PRESENT PAVEMENT			Highway No.	
BOTTOM		TOP		Surfacing	Per square yard of pavement	Per mile of 10'-26' highway	Year resurfaced	Miles		Type
Kind	Thickness	Kind	Thickness								Binder
S Con.....	5	MM-2....	2	Asp.....						5624
										*5625
										*5626
										*5627
Sub.....	6	App. St....	3	T.....	0.905	15,169				5628
Sub.....	6	Lo. St....	3	Asp (10)....	0.785	15,060				5629
										*5630
S Con.....	5	Bitu.....	2		2.483	29,790				5631
		F Con.....	6		1.167	16,010				5632
		F Con.....	7-P		1.233	16,630				*5633
										*5634
										*5635
		F Con.....	6½-P		1.439	17,369				5636
App. St.....	5	App. St....	3	Asp.....	1.082	15,880				*5637
										5638
S Con.....	5	Bitu.....	2		2.574	35,060				*5639
		F Con.....	7-P		1.389	24,040				5640

SPECIAL APPROPRIATIONS

Rock fill.....	4	Grv.....	3 av	Sc, water.....			1917	1.18	2½" Bit. Mac.....	†
Grv.....	3	St.....	3	Asp.....						9100
St.....	4	Tr.....	3	Sc, water.....	0.849	16,142				9101
Sa. Sh., Tr.....	6	Tr.....	3	Asp. (10) MM. 2	1.651	23,670				

OVER BY STATE FOR MAINTENANCE

Fld.....	4	Fld.....	4	Sc, water.....	4,500	1912	4.31	4" Bit. Mac.....	9000
Li.....	4	Li.....	3	Sc, water.....		1916	0.85	2½" Bit. Mac.....	9001
Li.....	3	Li.....	3	Sc, water.....				Oiled.....	9702
Lo.....	3	Lo.....	3	Asp. (10)....	6,200				9703
Li.....	3-4	Blue Grt.....	3-4	Li.; Sc, water.....		1915		Oiled.....	9004
Blue Grt.....	3-4	Blue Grt.....	3-4	Sc.....	CO	1913	0.83	Bit. Mac.....	9705
Fld.....	4	Fld.....	5	Sc, water.....	3,000	1917	7.30	2½" Bit. Mac.....	9706
St.....	4	St.....	4	Sc, water.....	300	1915	3.60	Bit. Mac.....	9707
Grv.....	7	Grv.....	7	Sc, water.....	3,500				
St.....	4	St.....	3	Sc, water.....	5,000				

WITH CONSTRUCTION MONIES

Old Mac.....	6	Tr.....	2	Sc, water.....	3,740				2A
Li.....	6	Tr.....	2	Sc, water.....	13,630				
S Con.....	5	Br.....	4		2,108	97,580			2 R2
Li.....	3	Br.....	4	Sc, water.....	0.408	8,180			7 A&B
Grv. Con.....	3	Br.....	4		1,759	18,630			27 R
Old Mac., S Con	3	Br.....	4		1,023	21,580			66 R
S Con.....	5	Br.....	4		2,111	23,350			
S Con.....	5	Br.....	4		1,960	20,385			67 R
S Con.....	5	Br.....	4		1,947				68 R
Sub.....	Av. 5	Tr.....	av. 2½	Asp.....	0.912	11,810			145 R
S Con. (1, 11, 13, 16).....	5	Br. (1, 23).....	4		1,933	29,900			731 R

APPENDIX B

TABLE ARRANGED BY COUNTIES

SHOWING

Status of all State and County Highways

**Plans for which have been approved from January 1, 1898,
to December 31, 1918**

[289]

ALBANY COUNTY

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
7 ¹	84-A.....	Delaware, Part 1.....	Bethlehem.....	0.41	Albany c.....	0.60	1.01	.....	.....
22 ¹	95.....	Loudon.....	Colonia.....	3.06	Albany c.....	0.86	3.41	.....	.....
41	84.....	Delaware, Part 2.....	Bethlehem.....	2.74			2.74	.....	.....
92	135.....	Delmar-Slingerlands.....	Bethlehem.....	1.74			1.74	.....	.....
119 ²	206.....	Loudon, Part 2.....	Colonia.....	3.92			3.92	.....	.....
124	207.....	North.....	New Scotland.....	1.84			1.84	.....	.....
176	96.....	Albany-Schenectady, Part 1.....	Colonia.....	1.74	Albany c.....	0.57	2.31	.....	.....
177	241, 235....	Schoharie, Parts 1 and 2.....	Knox.....	1.30			5.00	.....	.....
178	240-A.....	Delaware, Part 3.....	Guiderland.....	3.70			7.38	.....	.....
192 ³	320.....	Beaver Dam.....	Bethlehem.....	1.83			3.54	.....	.....
193 ⁴	243.....	River.....	Berne.....	5.55			8.11	.....	.....
198	240.....	Delaware, Part 4.....	Bethlehem.....	8.11			6.52	.....	.....
199	240.....	Delaware, Part 5.....	New Scotland.....	3.27			7.88	.....	.....
364	388.....	Preston Hollow—Potter Hollow....	Berne.....	3.25			3.13	.....	.....
			Westerlo.....	5.43					
			Rensselaersville.....	2.45					
			Rensselaersville.....	3.13					

¹ Included in State Route No. 25.² 2.74 miles included in State Route No. 25.³ 2.74 miles included in State Route No. 7.⁴ 0.53 miles included in State Route No. 3.⁵ Original contract 1.04 miles; 0.03 mile over bridge not constructed under original contract. Built by town. Exclusive of villages.

ALBANY COUNTY—Continued

Highway No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
365	391	Guiderland Center—Guiderland	Guiderland	1.90			1.90		
366 ¹	394, 395, 398	New Scotland—Wolf Hill	New Scotland	6.84			6.84		
367	712	Glenmont—Feura Bush	Bethlehem	6.17					
385	389	Albany—Schenectady, Part 2	New Scotland	0.60			6.77		
508	396	Selkirk—Coeymans	Colonie	5.14			5.14		
566 ²	398	Wolf Hill—Berne	Bethlehem	0.28			4.77		
604 ³	390	Troy—Schenectady, Part 3	Coeymans	4.49			7.15		
630 ³	880	Troy—Schenectady, Part 4	Berne	7.15			3.88		
646	397, 1354	Indian Fields—Dormansville	Colonie	2.24			2.24		
647 ⁴	398	Albany—Slingerlands	Coeymans	2.78			4.12		
755	392, 393	Altamont—Knox	Westerlo	1.34					
790	1352	Cohoes City—Boghts Corners	Knox	3.64			4.25		
791 ⁵	391, 2498	Albany—Guiderland	Guiderland	0.61			2.17		
792 ⁶	879	Schenectady Co. Line—Guiderland	Colonie	2.17					
849	V-43	Altamont Village	Guiderland						
879 ⁹	878	Shakers—Watervliet	Guiderland		Altamont, v	1.10	1.10		
949 ¹¹	877	Voorheesville—New Salem	Colonie	6.26			6.26		
949-A	V-104	Voorheesville—New Salem	New Scotland	2.96	Voorheesville v	0.60	3.56		
956 ³	3021	Watervliet City: Nineteenth Street	New Scotland		Voorheesville v	0.17	0.17		
957	3020	Cohoes City: Columbia Street			Watervliet, c	0.46	0.46		
977	2493	Albany—Watervliet	Cohoes		Cohoes, c	0.47	0.47		
			Colonie	2.45			2.45		

978	1636.....	East Berne—Clyckman Church.....	Berne.....	1.72	.....	.....	4.37	.....
			Knox.....	2.65	.....	.....	.....	.....
979	712.....	Feura Bush—Indian Fields.....	New Scotland.....	4.83	.....	.....	8.27	.....
			Coeymans.....	3.44	.....	.....	.....	.....
1105	V-217.....	Albany City: Central Avenue.....	.....	.....	0.75	.....	0.75	.....
1146	V-216, 3417.	Watervliet City: Third Avenue.....	Watervliet, e.....	0.18	.....	.....	0.18	.....
1184	1830.....	Elmure—Bethlehem Center.....	Bethlehem.....	1.77	.....	.....	1.77	.....
1198 *	2462, 2497..	Albany—Glennmont.....	Bethlehem.....	1.25	.....	.....	1.25	.....
1199	V-232, 3498.	Coboes, City: Vliet Avenue.....	Coboes, e.....	1.03	.....	.....	1.03	.....
1220	1854.....	Coeymans—Indian Fields, Part 2.....	Coeymans.....	6.69	.....	.....	6.69	.....
1229	393.....	Knox—Berne.....	Knox.....	2.80	.....	.....	2.80	.....
1279 *	{ 875, 3530, 3534, V-339 }	Dunnsville—Altamont.....	Guiderland.....	2.62	Altamont, v.....	0.78	3.40	.....
1280	1354.....	Dormansville — Westerlo — Ford Corners.....	Westerlo.....	5.76	.....	.....	5.76	.....
1371	3531.....	Watervliet—Coboes.....	Colonie.....	0.88	.....	.....	0.88	.....
1372	3533, 2492..	Osborn Cor.—Schenectady Co. Line.....	Guiderland.....	3.23	.....	.....	3.23	.....
1372-A	3533.....	Osborn Cor.—Schenectady Co. Line.....	Guiderland.....	0.12	.....	.....	0.12	.....
1404	3709.....	Dormansville—South Westerlo.....	Westerlo.....	5.62	.....	.....	5.62	.....
1405	2495.....	Thompsons Lake—Van Anken Cor.....	Berne.....	0.81	.....	.....	2.93	.....
			Knox.....	2.12	.....	.....	.....	.....
1468	1354, V-381.	Coeymans—Indian Fields, Part 1.....	Coeymans.....	0.52	Ravena, v.....	0.93	.....	1.45
			Towns.....	164.73	.....	.....	164.21	0.52
			Villages.....	.....	.....	3.58	2.65	0.93
			Cities.....	.....	.....	4.42	4.42	.....
			Totals.....	164.73	.....	8.00	171.28	1.45

14.62 miles included in State Route No. 7. Contract mileage 6.56

of which 6.84 miles were constructed.

* 3.60 miles included in State Route No. 7.

* Included in State Route No. 42.

* Built as State Highways Nos. 5010 and 5237 on Route No. 7.

* Original plans 6.07 miles. Designated as State Route No. 6, and

built as No. 5135 and No. 5036.

* Included in State Route No. 6 and built as No. 5636; 3.26 miles.

* Original contract cancelled; work completed by Division Engineer.

* Original contract 7.40 miles. Portion at crossing omitted.

* Original plans 3.76 miles. 0.17 mile at R. crossing and bridge omitted and built as 943A.

* Exclusive of village.

ALBANY COUNTY—Concluded

STATE HIGHWAYS.

High-way No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5010	7	8	Slingerlands—New Scotland.....	Bethlehem.....	0.98	.....	.....	1.98	.....	.....
5039 ¹	7	1	West Berne—Gallupville.....	New Scotland.....	1.00	.....	.....	0.04	.....	.....
5155 ²	6	1	Albany—Guilderland.....	Knox.....	0.04	Albany, c.....	0.05	5.37	.....	.....
5237	7	9, 10	Slingerlands—Albany.....	Guilderland.....	5.32	Albany, c.....	0.91	4.23	.....	.....
5499	3	6	Albany—Bethlehem.....	Bethlehem.....	3.32	Albany, c.....	0.18	2.38	.....	.....
5510	7	4	East Berne—New Salem, Part 1....	Berne.....	2.20	.....	.....	2.86	.....	.....
5555	25	2, 3	Loudon—Crescent.....	Colonie.....	2.86	.....	.....	4.19	.....	.....
5614	25	1	Loudon—Crescent, Part 2.....	Colonie.....	4.19	.....	.....	0.10	.....	.....
5636	6	2	Schenectady Co. Line—Guilderland.	Guilderland.....	0.10	.....	.....	3.93	.....	.....
					Towns.....	24.54	.....	20.61	3.93	.....
					Villages.....	.....	.....	.....	.....	.....
					Cities.....	.....	1.14	1.14	.....	.....
					Totals.....	24.54	1.14	21.75	3.93	.....
SPECIAL HIGHWAYS.										
9101	The Southern Boulevard.....			Bethlehem.....	.....	Albany, c.....	1.15	1.59	.....	.....

Towns.....	0.44	.....	.....	0.44	.....
Cities.....	.....	.....	.....	1.15	1.15
Totals.....	0.44	.....	.....	1.15	1.59

ALLEGANY COUNTY

COUNTY HIGHWAYS.

	Petition No.				
801	1581.....	East Rushford—Gordonville Bridge.	Rushford.	4.64	.....
945	1588.....	Wellsville—Hallsport.	Wellsville, v.....	0.40	.....
			Willing.....	1.82	.....
964	1570, 1591..	Friendship—Bolivar, Part 1.....	Friendship.....	1.68	0.54
965 ⁴	1563, 2889..	Obi—Cuba.....	Wirt.....	3.88	.....
965-A			Clarksville.....	6.33	.....
1091 ³	1577.....	Fillmore—Hume.....	Cuba, v.....	3.11	0.46
			Hume.....	.....	.....
1246	1591, 1592, V-330, V-331	Friendship—Bolivar, Part 2.....	Wirt.....	2.43	0.69
			Bolivar.....	1.83	0.50
1259	3035.....	Belfast—Transit Bridge.....	Bolivar, v.....	.....	1.26
			Belfast.....	3.99	.....
1260	1542, 1546, 1548, 1549, 3075, V—	Belvidere—Transit Bridge—Angelica.....	Amity.....	0.50	.....
			Belfast.....	0.06	.....
1322.....	1572.....	Genesee—Portville.....	Angelica.....	6.16	1.96
			Genesee.....	7.29	.....

¹ Part in Schoharie county. Total length 3.98 miles.² Original contract forfeited.³ Constructed as State Highway No. 5518 on Route No. 16.⁴ Original contract accepted. All but 0.39 mile in Cuba village resurfaced under No. 965-A.⁵ Exclusive of villages.

ALLEGANY COUNTY—Concluded

COUNTY HIGHWAYS	Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1386		V-361, 362, 1554, 1555, 1556, 3067, 3661.....	Van Scooters Corners—Canaseraga— Garwoods.....	Burns.....	5.16	Canaseraga...	1.72	6.88	....	.....
				Towns.....	50.84	.....	.....	50.84	.....	.....
				Villages.....	.....	.....	7.53	7.53	.....	.....
				Cities.....	.....	.....	.....	.....	.....	.....
				Totals.....	50.84	.....	7.53	58.37	.....	.....
STATE HIGHWAYS.	Route No.	Section	Cuba—Black Creek, Part 1.....	Cuba.....	2.39	Cuba, v.....	0.43	2.82	.....	.....
	Route No.	Section	Cuba—Friendship.....	Cuba.....	2.83	Cuba, v.....	1.73	4.56	.....	.....

5312-B *	4	12	Cube—Friendship.....	Friendship.....	0.14	Friendship, v... 0.08	0.17	.....
5341	4	10, 11	Friendship—Belmont.....	{ Friendship..... Amity.....	3.75 3.05	.....	6.80	.....
5419	{ 4 Pet. V-1089 4 Pet. V-1154 }	5 Andover Village.....	Andover.....	Andover.....	.....	1.51	1.51	.....
5476	4	9	Belmont—Scio.....	Amity.....	3.24	Belmont, v.... 1.42	4.66	.....
5481	4	6	Wellsville—Andover.....	{ Wellsville..... Andover.....	4.32 2.90	.....	7.22	.....
5483	4	7	Wellsville Village.....	Wellsville.....	.....	Wellsville, v... 0.76	0.76	.....
5502	4	1-4	Andover—Alfred Station—Almond.....	{ Andover..... Alfred.....	2.01 3.17	.....	12.06	.....
5518	16	11, 12	Canadesa—Fillmore—Hume.....	Almond.....	6.88	.....	.....	.....
5532 *	15	1	Canadesa—Fillmore—Hume.....	Hume.....	4.75	.....	4.75	.....
			Arkport—Van Sooters Corners.....	Burns.....	2.58	.....	2.58	.....
5615	16	7-10	Belfast—Canadesa.....	{ Belfast..... Canadesa..... Hume.....	0.77 7.94 0.36	.....	.....	9.07
			Towns.....	Towns.....	60.17	.....	51.10	9.07
			Villages.....	Villages.....	.....	.....	7.23	.....
			Cities.....	Cities.....	.....	.....	.....	.....
			Totals.....	Totals.....	60.17	.....	58.33	9.07

* Part in Cattaraugus county. Original plans 4.65 miles. Change in alignment changed length to 4.68 miles.

* Original contract 6.10 miles. 4.78 miles cancelled and re-let as No. 5312-A. 0.17 mile omitted and built as 5312-B.

* Grade crossing elimination.

* Total length 6.25 miles. Part in Steuben county.

* Exclusive of villages.

BROOME COUNTY

Highway No.	County Highways.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
471		134, 142...	Chenango River...	{ Chenango Dickinson	0.06	.....	.....	1.76	.....	.....
125*		148, 369...	Lestershire.....	Union.....	2.93	.....	.....	2.93	.....	.....
1261		149.....	Town Line Extension.....	Chenango.....	1.95	.....	.....	1.95	.....	.....
127*		200.....	Park Bridge.....	Kirkwood.....	2.06	.....	.....	2.06	.....	.....
134*		160.....	Fenton.....	Fenton.....	2.17	.....	.....	2.17	.....	.....
174*		268.....	Endicott.....	Union.....	1.22	.....	.....	2.17	.....	.....
175*		316.....	Chenango Towpath.....	Fenton.....	1.84	Endicott, V....	0.95	1.84	.....	.....
209*		313.....	Nineveh.....	Coleville.....	0.93	.....	.....	0.93	.....	.....
210*		314.....	Harpurville.....	Coleville.....	0.83	.....	.....	0.83	.....	.....
211		312.....	Center Village.....	Coleville.....	0.57	.....	.....	0.57	.....	.....
212		315.....	Ouaquaga.....	Coleville.....	1.00	.....	.....	1.00	.....	.....
213		356.....	River Road—Windsor, Part 2.....	Windsor.....	2.83	.....	.....	2.83	.....	.....
214		355.....	River Road—Windsor, Part 1.....	Windsor.....	1.86	.....	.....	1.86	.....	.....
265*		317.....	Deposit.....	Sanford.....	2.78	.....	.....	2.78	.....	.....
266*		346.....	Tunnel.....	Coleville.....	1.67	.....	.....	1.67	.....	.....
267*		276, 357...	Castle Creek.....	Chenango.....	5.84	.....	.....	5.84	.....	.....
268*		267.....	Bridge.....	Chenango.....	1.00	.....	.....	1.00	.....	.....
274*		318.....	Gulf Bridge.....	Chenango.....	1.75	.....	.....	1.75	.....	.....
275		351.....	Union—Maine.....	Union.....	3.00	.....	.....	3.00	.....	.....
374		359, 361...	Maine.....	{ Union Maine	0.62	.....	.....	3.36	.....	.....
3751		471.....	Barker.....	Barker.....	0.62	.....	.....	0.62	.....	.....
420*		364, 462...	Vestal.....	Vestal.....	3.64	.....	.....	3.64	.....	.....
421		353, 354, 366	Conklin.....	Conklin.....	7.82	.....	.....	7.82	.....	.....

444 ^a	362.....	Riverside Drive.....	Union.....	1.14	.....	.....	1.14	.....
445	463.....	Lisle—Center Lisle.....	Lisle.....	2.71	.....	.....	2.71	.....
834	350, 363...	Kirkwood—River.....	Kirkwood.....	7.50	.....	.....	7.50	.....
858	472.....	Whitney Point—Upper Lisle.....	Triangle.....	4.24	.....	.....	4.24	.....
902	370, 371...	Glen Aubrey—Whitney Point.....	Nanticoke.....	5.29	.....	.....	5.29	.....
983	552.....	Port Crane—North Fenton.....	Fenton.....	6.02	.....	.....	6.02	.....
1106	570.....	Harpurville—Ousquaga.....	Coleville.....	5.11	.....	.....	5.11	.....
1161	V-302, 3320	Leesterhire Village: Main Street....	Union.....	.....	.....	Johnson City, v.	0.41	.....
1238	V-238, 3316	Union Vill.: Main and Nanticoke Sts	Union.....	.....	.....	Union, v.....	1.03	.....
1239	V-240, 3317,							
	3318.....	Windor Village: Main Street.....	Windor.....	.....	.....	Windor, v.....	0.68	.....
1240	3186.....	Binghamton City: Conklin Avenue.	{ Binghamton.....	.....	.....	Binghamton, v.	0.87	.....
1241	2259.....	Chenango Forks—North Fenton....	Fenton.....	0.04	.....	.....	0.91	.....
1449	2250, 2921..	Maine—Glen Aubrey.....	Maine.....	2.30	.....	.....	2.30	.....
1450	3650.....	Castle Creek—Whitney Point.....	Barker.....	5.35	.....	.....	5.35	.....
			Dickinson.....	6.93	.....	.....	6.93	.....
1451	2253, 3099..	Stella—New Ireland.....	{ Union.....	1.51	.....	.....	4.70	.....
			Maine.....	1.32	.....	.....	.....	.....
1496	V-358, 3648	Whitney Point—Lisle.....	Triangle.....	0.43	.....	Whitney Pt., v.	1.32	.....
1497	358, 3649...	Chenango Bridge—Kattelville.....	Lisle.....	1.03	.....	.....	2.78	.....
			Chenango.....	4.08	.....	.....	4.08	.....
			Towns.....	110.30	.....	.....	93.32	16.98
			Villages.....	.....	.....	.....	4.39	.....
			Cities.....	.....	.....	.....	0.87	.....
			Totals.....	110.30	.....	.....	98.53	16.98

^a Included in State Route No. 8.^b Included in State Route No. 4.^c Included in State Route No. 7.^d 0.70 mile included in State Route No. 7.^e 0.83 mile included in State Route No. 7.^f Included in State Route No. 4-A. Original contract 6.00 miles, reduced

through change of alignment.

^g 0.60 mile included in State Route No. 8.^h 2.55 miles included in State Route No. 4.ⁱ 0.12 mile on State Route No. 8.^j Exclusive of villages.

BROOME COUNTY — Concluded

STATE HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5022	4	8	Binghamton—Windsor, Part 1.....	{ Kirkwood Windsor }	2.84 0.17	.....	.....	3.01	.....	.....
5148	4	7	Binghamton—Windsor, Part 3.....	Windsor	3.68	.....	.....	3.68	.....	.....
5200 ¹	7	14	Nineveh—Afton.....	Coleville	0.43	.....	.....	0.43	.....	.....
5215 ²	4	17	Owego—Binghamton.....	Vestal	0.77	.....	.....	0.77	.....	.....
5241 ³	4	6	Binghamton—Windsor, Part 4.....	Windsor	3.15	.....	.....	3.15	.....	.....
5241-A				{ Fenton Colesville }	2.64 0.62	.....	.....	3.26	.....	.....
5242 ⁴	7	8, 10	Port Crane—Sanitaria Springs.....			.....	.....		.....	.....
5243				Colesville	8.82	.....	.....	8.82	.....	.....
5243-A *	7	11, 12	Sanitaria Springs—Harpurville....	Colesville	8.82	.....	.....	8.82	.....	.....
5243-B						.....	.....		.....	.....
5338 *	4	1, 3-5	Windsor—Deposit.....	{ Windsor Sanford }	5.68 5.19	Windsor, v.....	1.63	13.30	.....	.....
5338-A	Pet. V-1079					Deposit, v.....	0.85		.....	.....
5339	4	10	Binghamton City: Court Street.....	.....	.....	Binghamton, e	1.05	1.05	.....	.....
5377 ⁷	4	12, 14	Riverside Drive—Binghamton.....	{ Union }	0.25	Johnson City, v	0.17	1.66	.....	0.25
						Binghamton, e	1.49		.....
5390	{ 4 Pet. V-1156 }	9	Binghamton City: State Hospital....	.....	.....	Binghamton, e	0.83	0.83	.....	.....
5412 ⁸	4	16	Union Vill.: Main and Bridge Sta.	Union	.....	Union, v.....	0.28	0.28	.....	.....
5413	8	2	Binghamton City: Front Street.....	.....	.....	Binghamton, e	0.82	0.82	.....	.....
5440	{ 7 Pet. V-1190 }	5	Binghamton City: North Chenango Street.....	.....	.....	Binghamton, e	0.41	0.41	.....	.....

5506	{ 7 Pet. V-1003 }	Port Dickinson Village: North Che- nango Street.....	Dickinson	Pt. Dickinson, v	1.27	1.27	....	....
		Towns.....	34.19	.....	.....	33.94	....	0.25
		Villages.....	.....	.....	4.20	4.20	....	....
		Cities.....	.....	.....	4.60	4.60	....	....
		Totals.....	34.19	.....	8.80	42.74	....	0.25

CATTARAUGUS COUNTY

COUNTY HIGHWAYS.

	Petition No.							
601 ^a	1727, 1728..	Olean—Allegany.....	{ Allegany.....	.....	Olean, o.....	0.78	3.09	....
695 ¹¹	2231.....	Otto—Cattaraugus.....	New Albion.....	1.20	.....	1.06	1.20	....
696 ¹⁰	2230.....	Otto—East Otto, Part 1.....	Otto.....	4.04	.....	.....	4.04	....
697 ¹¹	2229.....	Otto—East Otto, Part 2.....	East Otto.....	2.27	.....	.....	2.27	....
730	1725.....	Portville—Olean, Part 1.....	Portville.....	3.44	.....	.....	3.44	....
731	1726.....	Portville—Olean, Part 2.....	{ Olean.....	.....	Olean, o.....	1.23	2.05	....
872	V-34, 1725..	Portville Village.....	Portville.....	0.82	.....	.....	0.84	....
958 ¹²	789.....	Gowanda—Dayton.....	{ Persia..... Dayton.....	1.52	Portville, v....	0.64	4.27	....

^a Part in Chenango county. Total length 5.61 miles. ¹⁰ Part in Tioga county. Total length 10.72 miles. ¹¹ Original contract forfeited. Relet as No. 5241-A. ¹² Original contract forfeited. Completed by department force. ¹³ Original contract (3.90 miles) forfeited. 4.56 miles built as 5243-A and 4.05 as 5243-B. ¹⁴ Total length 13.69 miles, part in Delaware county. 13.30 miles in Broome of which 2.93 miles in Sanford and 0.85 mile in Deposit village were cancelled and relet as part of No. 5339-A. ¹⁵ Original contract 1.91 miles. 0.25 mile in the town of Union omitted from construction. ¹⁶ Original contract cancelled before work started. ¹⁷ Included in State Route No. 4. ¹⁸ Original contract 4.10 miles, of which 4.04 miles were built, \$20,520 were appropriated from first fifty million. ¹⁹ \$12,353.66 special appropriation. ²⁰ \$20,000 special appropriation. ²¹ to complete Nos. 695 and 697. ²² Accounts on the contract not closed pending court decision. ²³ Exclusive of villages.

CATTARAUGUS COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
959	2785.....	Randolph—Rutledge, Part 2.....	Conewango.....	3.86	.....	.....	3.86	.....	.....
960	2784.....	Rutledge—Leon, Part 2.....	Leon.....	2.80	.....	.....	2.80	.....	.....
1024	V-166, 2993.	Gowanda Village.....	Persia.....	.....	Gowanda, v.....	0.77	0.77	.....	.....
1170	3204.....	Yorkshire Hamlet: Main Street.....	Yorkshire.....	0.44	.....	.....	0.44	.....	.....
1254	2968, 3027..	Rutledge—Leon, Part 1.....	Conewango.....	2.97	.....	.....	.....	4.43	.....
			Leon.....	1.46	.....	.....	.....	.....	.....
1269	{ 1732, 1733, 3090..... }	Little Valley—Cattaraugus, Part 1..	Little Valley.....	0.67	Little Valley, v.....	0.73	5.62	.....	.....
	{ 3581..... }		Mansfield.....	0.18	.....	.....	.....	.....	.....
1275	{ 2278, V-346. }	Little Valley—Cattaraugus, Part 2..	New Albion.....	4.04	.....	.....	.....	.....	.....
			New Albion.....	2.26	Cattaraugus, v.....	1.69	3.95	.....	.....
1305	3203, 3704..	Salamanca—Ellicottville, Part 1.....	Great Valley.....	4.39	.....	.....	5.38	.....	.....
1479	1754.....	Arcade—Farmersville, Part 2.....	Freedom.....	4.15	Salamanca, c.....	0.99	.....	.....	4.15
1480	3675.....	Leon—Wesley, Part 1.....	Leon.....	3.00	.....	.....	.....	.....	3.00
1509	{ 3203, 2226 V-376, 3728 2227..... }	Salamanca — Ellicottville, Part 2. . .	Great Valley.....	3.25	.....	.....	.....	.....	.....
			Ellicottville.....	1.51	Ellicottville, v..	0.92	.....	.....	5.68
			Towns.....	52.27	.....	.....	35.93	4.43	11.91
			Villages.....	.....	.....	5.81	4.89	.....	0.92
			Cities.....	.....	.....	3.00	3.00	.....	.....
			Totals.....	52.27	.....	8.81	43.82	4.43	12.83

STATE HIGHWAYS.

Route No.	Section								
5086	4	4	Olean—Hinsdale, Part 1	Olean	2.94				2.94
5099	{ 4 5 }	{ 5 }	Olean City				Olean, c.	0.36	0.36
5137	4	1—3	Olean—Hinsdale—Cuba	{ Hinsdale Iechus	8.46 0.31				8.77
5174 ¹	4	1	Cuba—Friendship	Hinsdale	0.12				0.12
5258 ²	{ 4 15 }	{ 15 }	Little Valley—Randolph, Part 3	{ Cold Spring Napoli	0.38 0.04				6.74
5259-A	{ 4 15 }	{ 15 }	Little Valley—Randolph, Part 3	{ Conewango Randolph			E. Randolph, v.	0.10	
5259 ³	{ 4 12 }	{ 12 }	Salamanca—Little Valley, Part 2	{ Little Valley	3.13		E. Randolph, v.	1.09	
5264	4	7	Allegany—Vandalia	Allegany	4.30		Little Valley, v.	1.55	6.83
5265 ⁴	{ 4 10, 11 }	{ 10, 11 }	Salamanca—Little Valley, Part 1	{ Great Valley	0.15		Allegany, v.	0.20	4.50
5265-A	{ 4 6 }	{ 6 }	Allegany Village: Main Street	Allegany			Salamanca, c.	4.15	4.30
5405 ⁵	{ 4 9 }	{ 9 }	Allegany Village: Main Street	Allegany			Allegany, v.		
5418 ⁶	4	9	Carrollton—Killbuck	{ Great Valley Carrollton	2.78 1.63				4.41
5430 ⁷	4	8	Vandalia—Carrollton	{ Allegany Carrollton	0.14 0.47				3.88
				Carrollton	3.27				

¹ Total length 4.68 miles. Part in Allegany county.² 0.38 mile in Cold Spring, 0.04 mile in Napoli, 0.10 mile in Conewango and East Randolph village, 4.83 miles in Randolph (of which 1.09 miles were in East Randolph village and 0.60 mile in Randolph village) cancelled and relet as No. 5258-A.³ 4.14 miles in Little Valley township and 0.15 mile in village cancelled and relet as No. 5259-A.⁴ 0.93 mile in Salamanca cancelled and relet as No. 5265-A. 2.74 miles in Allegany Indian Reservation.⁵ All in Allegany Indian Reservation.⁶ Plans call for 0.61 mile, which was originally built as No. 601.⁷ Exclusive of villages.

CATTARAUGUS COUNTY — Concluded

STATE HIGHWAYS.	Highway No.	Route No.	Sec-tion	Name of highway	Town	*Miles in town	City or village	Miles in city or vil-lage	Miles com-pleted	Miles under con-struction	Miles ap-proved and awaiting contract
5543	17	1, 2		Hinesdale—Franklinville, Part 1	{ Hinesdale Ischua	1.09 5.89				6.98	
5544	{ 17 3, 4 Pet. V-1198 }			Hinesdale—Franklinville, Part 2	Franklinville	5.53	Franklinville, v.	1.35		6.88	
5607	17	5, 6		Franklinville—Machias	{ Farmersville Machias	1.84 2.89				4.73	
5608	17	7		Machias—Delavan, Part 1	Machias	2.17				2.17	
				Towns		52.81				33.40	19.41
				Villages				6.29		4.94	1.35
				Cities				4.51		4.51	
				Totals		52.81		10.80		42.85	20.76

CAYUGA COUNTY

COUNTY HIGHWAYS.

	Petition No.										
383	126			Owasco		2.19			2.19		
384	519, 574			Fleming		3.17			3.17		
590 ¹	1181, 1460			Auburn—Seneca Falls, Part 1	Aurelius	7.96			7.96		
591	1162, 1470			Moravia—Niles	{ Niles Moravia	5.33 5.52			10.85		
592 ²	1198, 1459			Auburn—Elbridge	{ Sennett Brutus	4.91 0.66			5.57		

614	1161, 1461..	Auburn—Owasco.....	Owasco.....	6.07	.....	6.07	.....
684	1199, 1200..	Cato—Meridian—Baldwinsville, Pt. 1 {	Ira.....	1.18	.....	4.39	.....
685 *	1288, 1482..	Sterling—Owego County Line.....	Cato.....	3.21	.....	4.86	.....
686 *	{ 1189, 1194, } V-22.....	Woodsport—Cato.....	Sterling.....	4.86	.....	.....	.....
686-A	1189, 1194..	Woodsport—Cato.....	Brutus.....	0.98	.....	.....	.....
687	1482, 1483..	Fairhaven—Sterling—Martville.....	Cato, v.....	6.51	0.50	8.59	.....
687-A	1482.....	Fairhaven—Sterling—Martville.....	Cato, v.....	.....	0.60	.....	.....
752	{ 1463, 2449, } 2440, 1464..	Auburn—Wyckoff.....	Brutus.....	0.06	.....	0.12	.....
753	1186.....	Fleming—Scipio.....	Cato.....	0.06	.....	.....	.....
852	V-13.....	Meridian Village.....	Sterling.....	5.30	.....	5.30	.....
1016	{ 1473, 2254, } 3080.....	Groton—Locke—Moravia.....	Sterling.....	0.12	Fairhaven, v.....	0.05	.....
1173	{ 3153, 3362, } V-231, V-274 }	Auburn—Union Springs.....	Owasco.....	0.11	.....	2.75	.....
1174	3161.....	Victory—Cato.....	Fleming.....	2.64	.....	.....	.....
			Fleming.....	1.41	.....	1.41	.....
			Cato.....	.....	Meridian, v.....	0.81	.....
			Locke.....	6.07	.....	7.79	.....
			Moravia.....	0.50	Moravia, v.....	1.22	.....
			Aurelius.....	4.26	Auburn, e.....	0.13	.....
			Springport.....	3.97	Union Springs, v.....	1.26	.....
			Victory.....	4.14	.....	.....	.....
			Conquest.....	0.33	.....	5.51	.....
			Ira.....	0.52	.....	.....	.....
			Cato.....	0.01	Cato, v.....	0.51	.....

* Included in State Route No. 6.
 * Original contract 4.88 miles; 4.87 miles constructed.
 * Original contract 5.61 miles; 5.43 miles constructed under original contract. Balances completed under division engineer. Included in State Route No. 6.
 * Original contract 8.72 miles; 8.60 miles constructed, of which 0.01 mile in Cato was reconstructed under 686-A.
 * Exclusive of villages.

CAYUGA COUNTY — Concluded

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1175	2883, V-270	Fairhaven Village.....	Sterling.....	0.42	Fairhaven, V....	1.40	1.82	....	....
1317 :	{ 1194, 2727, V-334, V-343 }	Auburn—Weedsport.....	{ Sennett..... Brutus..... Scipio..... Venice.....	{ 4.08 2.11 6.06 5.45	{ Auburn, c..... Weedsport, v..	{ 0.74 1.07	{	{ 8.00 6.08 5.45	{
1327	1187.....	Fleming—Scipio, Part 2	Scipio.....	.....	.....	.....	.....	.....	.....
1414	1478	Venice Center—Genoa.....	Venice.....	.....	.....	.....	.....	.....	.....
			Towns.....	100.17	.....	.....	82.47	17.70	.....
			Villages.....	.....	.....	7.42	6.35	1.07	.....
			Cities.....	.....	.....	0.87	0.13	0.74	.....
			Totals.....	100.17	.....	8.29	88.95	19.51	.....
5012	11	7 Fleming—Auburn.....	Fleming.....	2.75	.....	.....	2.75	....	....
5042 ¹	6	7 Auburn—Seneca Falls, Part 2.....	Montezuma.....	0.34	.....	.....	0.34	....	....
5042C-A	6	7 Auburn—Seneca Falls, Part 2.....	Montezuma.....	0.07	.....	.....	.....	....	0.07
	{ 6 11 8 Pet. V-1035 }	{ Auburn City.....	{ Auburn, c.....	{	{	{ 2.03	{ 2.03	{	{
5101									
5244	11	4-6 Poplar Ridge—Fleming.....	{ Venice..... Scipio..... Fleming.....	{ 1.74 6.08 3.70	{	{	{ 11.52	{	{

5525	11	2, 3	King Ferry—Poplar Ridge	Ledyard.....	1.09	.....	.....	.....	.....
				Venice.....	2.32	.....	.....	4.58	.....
				Genoa.....	1.17	.....	.....	.....	.....
5609	20	3, 4	Port Byron—Weedsport	Monts.....	1.28	Port Byron, v.	1.08	.....	.....
				Brutus.....	1.06	Weedsport, v..	0.56	.....	3.89
5610	20	5	Montezuma—Port Byron	Montezuma.....	2.18	.....	.....	.....	.....
				Monts.....	2.21	.....	.....	.....	4.39
				Towns.....	25.96	.....	.....	19.19	6.70
				Villages.....	.....	.....	1.58	.....	1.58
				Cities.....	.....	.....	2.03	.....	2.03
				Totals.....	25.96	.....	3.61	21.22	8.28
									0.07

CHAUTAUQUA COUNTY

COUNTY HIGHWAYS.

Petition
No.

698:	628.....	Falconer—Kennedy	Ellicott.....	1.03	.....	.....	.....	1.03	.....
857	2307, 2352..	Roberts Road	{ Sheridan.....	0.57	.....	.....	.....	1.62	.....
			{ Dunkirk.....	1.05	.....	.....	.....	.....	.....
873	2301.....	Brocton—Stockton, Part 1	Portland.....	2.91	.....	.....	.....	2.91	.....
938	2304, 2890..	Cassadaga—Fredonia	Pomfret.....	5.58	.....	.....	.....	5.58	.....
939	2320.....	Cutting—French Creek	French Creek.....	6.62	.....	.....	.....	6.62	.....
940	2325, 2327..	Jamestown—Frewsburg	{ Kiantone.....	3.39	.....	.....	.....	.....	.....
			{ Carroll.....	0.86	.....	.....	.....	4.25	.....

¹ Contract length 3.33 miles. 3.26 miles built. 2.92 in Seneca county. Original contract forfeited and completed by bonding company.

² Included in State Route No. 4.

³ 0.52 miles included in State Route No. 20.

CHAUTAQUA COUNTY — Continued

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1011	2336, 2882..	Brocton—Stockton, Part 2.....	Stockton.....	4.70	.....	.....	4.70	.....	.....
1012	2335, 2337..	Sinclairville—Cassadaga, Part 2....	{ Charlotte.....	1.47	.....	.....	.....	.....	.....
1012-A			{ Stockton.....	1.83	.....	.....	3.30	.....	.....
1026	2322.....	Jamestown—Stockton, Part 1.....	Ellicott.....	3.99	.....	.....	.....	3.99	.....
1027	2320, 2358..	French Creek—Findley Lake.....	{ French Creek.....	1.67	.....	.....	.....	.....	.....
			{ Mina.....	2.66	.....	.....	.....	4.33	.....
1061	V-195, 3155	Dunkirk City.....	.....	.....	Dunkirk, c.....	0.59	0.59	.....	.....
1062	V-150.....	Fredonia Village.....	Pomfret.....	.....	Fredonia, v.....	1.59	1.59	.....	.....
1169	2313.....	Chautauqua Lake, Part 5.....	Chautauqua.....	0.61	.....	.....	0.61	.....	.....
1206	V-208.....	Brocton Village: Mill Street.....	Portland.....	0.01	Brocton, v.....	0.76	0.77	.....	.....
1297	3244.....	Ripley—Sherman, Part 1.....	Ripley.....	3.54	.....	.....	3.54	.....	.....
1298	3566.....	Cassadaga—Burnhams.....	Stockton.....	0.91	.....	.....	0.91	.....	.....
1379	V-204, 3535	Jamestown City: Foote Ave.....	.....	.....	Jamestown, c.....	0.74	.....	0.74	.....
1380	{ 2323, 2349,	{ Jamestown—Ashville.....	{ Ellicott.....	1.48	.....	.....	.....	.....	.....
	2314.....		{ Busti.....	1.23	Lakewood, v.....	2.56	.....	5.65	.....
			Harmony.....	0.38	.....	.....	.....	.....	.....
1381	2341.....	Fredonia—South Dayton, Part 3....	Villenova.....	3.90	.....	.....	.....	3.90	.....
1469	{ V-187, 3735,	{ Silver Creek—Forestville.....	{ Hanover.....	4.50	Silver Creek, v.....	0.42	.....	4.94	.....
	2309, 3194..		Hanover.....	.....	Forestville, v.....	0.02	.....	.....	.....
1470	{ 3736, 2344,	{ Kennedy—Ellington.....	{ Poland.....	0.89	.....	.....	.....	.....	4.19
	2331.....		Ellington.....	3.30	.....	.....	.....	.....	.....
1471	2332.....	Pratt Corner—Sinclairville.....	Ellicott.....	0.02	.....	.....	.....	.....	5.85
			Garry.....	5.83

Towns.....	64.93	35.08	19.81	10.04
Villages.....		5.35	2.35	3.00
Cities.....		1.33	0.59	0.74
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Totals.....	64.93	6.68	38.02	23.55	10.04
						<hr/>
	2.54	2.54
	Falconer, v...	1.06	1.06
	5.19	5.19
	Jamestown, e..	1.48	1.48
	2.23	.....	.....	.....	.....	.....
	5.73	.....	.....	7.96	.....	.....
	4.65	Bemus Point, v.	1.30	5.95	.....	.....
	0.90	Fredonia, v...	0.74	.....	.....	.....
	0.51	.....	.....	2.15	.....	.....
	4.65	Mayville, v...	0.82	5.47
	Westfield, v...	1.07	1.07
	2.52
	1.91	4.43

STATE HIGHWAYS.

Route No.	Section
1	1
2	2
3	3
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100	100

5053	4	3	Levant—Poland Center	Poland.....
5067	4	5	Falconer Village.....	Ellicott.....
5151	4	1, 2	Poland Center—Waterboro.....	Poland.....
5201	{ 4	7	Jamestown City.....	
	{		Pet. V-1076	
5217	4	8	Jamestown—Bemus Point.....	{ Ellicott.....
5217-A	4			{ Ellery.....
5245	4	9	Bemus Point—Dewittville.....	Ellery.....
5245-A	{			
5262	18	5	Fredonia—Silver Creek, Part 1.....	{ Pomfret.....
				{ Sheridan.....
5263	4	10	Dewittville—Mayville.....	Chautauques.....
5263-A	{ 4	12	Westfield Village.....	Westfield.....
5320	{		Pet. V-1078	
5434	4	11	Mayville—Westfield.....	{ Chautauques.....
				{ Westfield.....

10.18 mile in Charlotte and 1.33 miles in Stockton, cancelled and re-let as No. 1012-A.

Original contract 7.96 miles. 6.82 miles cancelled and re-let as No. 5217-A.

* Original contract cancelled. Re-let as No. 5245-A.

Original contract cancelled. Re-let as No. 5263-A.

• **Exclusive of villages.**

CHAUTAQUA COUNTY — Concluded

STATE HIGHWAYS.				Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
High- way No.	Route No.	Sec- tion No.									
5434-A	4	11		Mayville—Westfield.....	Westfield.....	0.05			0.05		
5452 ⁴	18	9		Irving—Silver Creek.....	Hanover.....	2.94	Silver Creek, v	0.60	3.54		
559	{	Pet. V-1176		Mayville Village: Erie Street.....	Chautauqua.....		Mayville, v...	0.80	0.80		
	4	10½									
					Towns.....	33.82			33.82		
					Villages.....			6.39	6.39		
					Cities.....			1.48	1.48		
					Totals.....	33.82		7.87	41.69		
											4.29
					Predonis—Silver Creek, Pt. 2....	4.29					

CHEMUNG COUNTY

FEDERAL AID HIGHWAYS.

8003	Predonis—Silver Creek, Pt. 2....	Sheridan.....	4.29					
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COUNTY HIGHWAYS.

Petition
No.

13	52.....	Southport, Part 1.....	Southport.....	2.60			2.60		
28	52.....	Southport, Part 2.....	Southport.....	3.41			3.41		
29	52.....	.....	.....	Southport, Part 3.....	Southport.....	1.06			1.06		
30	53.....	.....	.....	South Broadway.....	Southport.....	1.02			1.02		
355	225.....	.....	.....	Wellsburg—Elmira.....	Southport.....	1.47			4.48		
					Ashlands.....	3.01					
356 ¹	485.....	.....	.....	Erin—Horseheads.....	Horseheads.....	6.07			9.17		
					Erin.....	3.10					
357 ²	486.....	.....	.....	Grand Central Avenue, Part 1.....	Elmira.....	0.08			1.57		
					Horseheads.....	1.49					

358 ^a	487.....	Horseheads—Corning.....	Horseheads.....	1.15	.....	.....	7.08	.....
		Big Flats.....	Big Flats.....	5.93	.....	.....	.....	.....
725 ^a	486, 2489...	Grand Central Avenue, Part 2.....	Elmira.....	.....	Elmira Hgts., v. 0.27	.....	0.89	.....
			Horseheads.....	.....	Elmira Hgts., v. 0.62	.....	.....	.....
888	908.....	Horseheads—Catlin.....	Big Flats.....	3.35	.....	.....	3.76	.....
			Catlin.....	0.41	.....	.....	.....	.....
946	2905, 2906..	Fitch Bridge—Elmira.....	Big Flats.....	0.23	.....	.....	1.98	.....
			Elmira.....	1.75	.....	.....	.....	.....
1083	3178, V-193	Elmira City: West Church Street...	Elmira, e.....	.....	Elmira, e.....	0.36	0.36	.....
1094	3179, V-193	Elmira City: Pennsylvania Avenue.	Elmira, e.....	.....	Elmira, e.....	1.10	1.10	.....
1095 ^a	3180, V-193	Elmira City: South Broadway.....	Elmira, e.....	.....	Elmira, e.....	1.12	1.12	.....
1096	3177, V-193	Elmira City: Maple Avenue.....	Elmira, e.....	.....	Elmira, e.....	0.51	0.51	.....
1195	3461, V-317	{ Elmira City: Division Street and Grand Central Avenue.....	Elmira, e.....	.....	Elmira, e.....	1.14	1.14	.....
1310	2927, 3012..	Seely Creek—Steuben County Line.	Southport.....	4.02	.....	.....	4.02	.....
1311	909.....	Erin—Van Etten—Spencer, Part 1..	Erin.....	4.22	.....	.....	6.87	.....
			Van Etten.....	2.65	.....	.....	.....	.....
1378	{ V-368, 3570, } 3694.....	Elmira—North Elmira.....	Elmira, e.....	.....	Elmira, e.....	1.19	.....	.....
			Elmira.....	0.09	Elmira Hgts., v. 0.42	.....	4.14	.....
			Horseheads.....	.....	Elmira Hgts., v. 0.67	.....	.....	.....
			Horseheads.....	1.65	Horseheads, v. 0.12	.....	.....	.....
			Towns.....	48.76	.....	.....	48.76	.....
			Villages.....	.....	.....	2.10	2.10	.....
			Cities.....	.....	.....	5.42	5.42	.....
		Totals.....	Totals.....	48.76	.....	7.52	56.28	.....

^a Included in State Route No. 9.^b Included in State Route No. 4.^c Original contract 7.14 miles.^d State Route No. 4.^e 2.53 miles built by State, 0.02 mile of concrete bridges built by town.^f Exclusive of villages.

CHEMUNG COUNTY — Concluded

STATE HIGHWAYS.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5048	4	4	Lowman—Waverly, Part 1.....	{ Ashland.....	0.11	.....	.....	2.50	.....	.....
5162	{ 4 9	{ 12 1	Horseheads Village.....	{ Chemung.....	2.39	.....	.....	.....	.....	.....
5207	4	5	Elmira—Lowman.....	{ Horseheads.....	.....	Horseheads, V.	1.91	1.91	.....	.....
5208 ⁴	12	1, 2	Horseheads—Montour Falls.....	{ Elmira.....	3.92	.....	.....	5.47	.....	.....
5208-A	4	5	Elmira—Lowman.....	{ Ashland.....	1.55	.....	.....	.....	.....	.....
5218	4	3	Lowman—Waverly, Part 2.....	{ Horseheads.....	1.75	Horseheads, V.	0.66	8.80	0.41	.....
5239 ²	4	1	Lowman—Waverly, Part 3.....	{ Catlin.....	0.88	.....	.....	.....	.....	.....
5392	{ 4 Pet. V-1130	{ 6	Elmira City: East Water Street.....	{ Veteran.....	5.92	.....	.....	4.27	.....	.....
5432 ¹	39-A	1, 2	Horseheads—Cayuta.....	{ Chemung.....	2.68	.....	.....	2.68	.....	.....
				{ Elmira, e.....	0.76	.....	0.76	0.76	.....	.....
				{ Horseheads.....	1.07	.....	.....	.....	7.86	.....
				{ Veteran.....	6.79	.....	.....	.....	.....	.....
				Towns.....	31.33	.....	.....	23.06	7.86	0.41
				Villages.....	.....	.....	2.57	2.57	.....	.....
				Cities.....	.....	.....	0.76	0.76	.....	.....
				Totals.....	31.33	.....	3.33	26.39	7.86	0.41

CHENANGO COUNTY

COUNTY HIGHWAYS.
Section No.

112	119.....	Norwich—Plymouth.....	{ Norwich.....	1.09	.....	.....	4.84	.....	.....	.....
			{ Plymouth.....	3.75	.....	.....	.....	.....	.....	.....

218*	282.....	Greene-Smithville Fl.t.s.	Greene.....	3.86	.....	4.68
			Smithville.....	0.82	.....
			Oxford.....	1.52	.....
224	283.....	Oxford-McDonough, Part 1.....	Preston.....	2.68	.....	5.82
			McDonough.....	1.62	.....
225	278-281...	Guilford.....	Guilford.....	5.75	.....	5.75
505*	493, 496...	Norwich-North Norwich.....	Norwich.....	0.99	.....	4.69
			North Norwich.....	3.60	.....
596*	771-P.....	Norwich-South New Berlin, Part 1	Norwich.....	3.29	.....	3.29
596-A	771-P.....	Norwich-South New Berlin, Part 1	Norwich.....	0.38	.....	0.38
597	492, 771...	Norwich-Kings Settlement, Part 1	Norwich.....	1.01	.....	3.55
			North Norwich.....	2.54	.....
598*	494, 771-R	Norwich-Preston.....	Norwich.....	1.89	.....	4.86
			Preston.....	2.97	.....
598-A	494.....	Norwich-Preston.....	Preston.....	0.22	.....	0.22
599 ⁷	771-Y & Z.	Otselic-Smyrna, Part 2.....	Smyrna.....	6.44	.....	6.44
663	495, 771-X.	Otselic-South Otselic, Part 2.....	Pharsalia.....	0.49	.....	4.88
			Otselic.....	3.89	.....
664	771-X.....	Otselic-South Otselic, Part 1.....	Otselic.....	4.33	.....	4.33
665	501.....	Oxford-McDonough, Part 2.....	McDonough.....	5.13	.....	5.13
666	771-U & S.	Plymouth-Kirk.....	Plymouth.....	4.86	.....	4.86
667	771.....	Rockdale-Mt. Upton.....	Guilford.....	2.33	.....	2.33
668*	771.....	Bainbridge-East Guilford, Part 2.....	Bainbridge.....	0.66	.....	1.12
			Guilford.....	0.46	.....

Total length 8.98 miles, part in Schuyler county. Cancelled and re-let as No. 5432-A, which was forfeited.

¹ Total length 8.98 miles, part in Schuyler county. Cancelled and re-let as No. 5482-A, which was forfeited.

* Part in Tiooga county. Total length 8.05 miles.
 * Included in State Route No. 10.
 * Total length 12.39 miles. 3.18 miles in Schuyler county. 0.41 mile at grade crossing in Veteran (cancelled) to be re-laid as No. 5208-A.

1 Included in State Route No. 9.
2 Original plans 1.05 miles. Included in State Route No. 7 and 9.97 miles built as No. 1013.

* Original contract 6.48 miles. 6.44 miles constructed.
* Original contract 6.37 miles. 6.30 miles constructed.

* Original plans 5.09 miles, of which 0.11 mile was omitted; also 0.13 mile reconstructed under 598-A.

* Original construction 3.42 miles; 0.13 mile reconstructed under B06-A.
* Exclusive of villages.

Abstract

CHENANGO COUNTY — Continued

COUNTY HIGHWAYS.

High- way No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles under con- struc- tion	Miles ap- proved and awaiting contract
704	502, 503....	New Berlin—Columbus.....	{ New Berlin..... Columbus.....	0.99 3.72	.....	.....	4.71	.....
705	1509.....	Sherburne—Furman Mill.....	Sherburne.....	3.81	.....	.....	3.81	.....
706 ¹	771-B.....	North Norwich—Sherburne.....	.....	.....	.....	.....	.....	.....
707 ²	771-C & J..	Smithville Flats—Long Pond.....	Smithville.....	1.83	.....	.....	.....	1.83
806	771, V-250..	South New Berlin—New Berlin, Part 2.....	New Berlin.....	4.15	New Berlin, v..	1.48	5.63	.....
807	771.....	Kirk—North Pharsalia.....	{ Plymouth..... Pharsalia.....	1.92 3.76	.....	.....	.....	5.68
808 ²	2717.....	Norwich Village.....	.....	.....	Norwich, v.	0.97	0.97	.....
809	771, 2718...	Smyrna Village.....	Smyrna.....	.....	Smyrna, v.	0.70	0.70	.....
1013	3069.....	Plymouth Hamlet.....	Plymouth.....	0.19	.....	.....	0.19	.....
1014	3068.....	McDonough Hamlet.....	McDonough.....	0.08	.....	.....	0.08	.....
1156	V-192, 3423.	Oxford Village.....	Oxford.....	.....	Oxford, v.	0.82	0.82	.....
1171	{ 2893, V-244, 771.....	{ Afton—Coventry, Part 1, and Afton—Bettaburg.....	Afton.....	5.60	Afton, v.	1.52	7.12	.....
1394	771.....	Norwich—So. New Berlin, Pt. 2, & So. New Berlin—New Berlin, Pt. 1	New Berlin.....	7.09	.....	.....	7.09	.....
1395	771 (52)....	East Guilford—Rockdale.....	Guilford.....	2.90	.....	.....	2.90	.....
1473	771 (45)....	Otselic—Smyrna, Part 1.....	{ Otselic..... Smyrna.....	2.19 0.87	.....	.....	3.06	.....
1497	771, 3141...	Rockwell Mills—South New Berlin.	{ Norwich..... New Berlin.....	3.00 1.78	.....	.....	.....	4.78

1510	771	Afton—Coventry, Part 2	Coventry	2.92	.....	.....	.....	2.92
			Towns	113.37	.....	.....	82.41	15.75
			Villages	.....	.....	4.52	3.00	1.52
			Cities	.....	.....	0.97	0.97	.....
			Totals	113.37	.....	.....	86.38	17.27
5013	7	Bainbridge—Unadilla, Part 1	Bainbridge	2.49	Bainbridge, v..	1.13	3.62	.....
5067	8	Norwich Village	.....	.....	Norwich, c.....	0.51	0.51	.....
5121	{ 8 13,14,16	North Norwich—Sherburne	{ Sherburne	1.91	Sherburne, v...	0.54	6.87	.....
	{ Pet. V-1042		{ North Norwich	4.42	.....	.....	.....	.....
5200*	7	Nineveh—Afton	Afton	4.29	Afton, v.....	0.89	5.18	.....
	{ Pet. V-1055							
5216	7	Bainbridge—Unadilla, Part 2	Bainbridge	1.06	.....	.....	1.06	.....
5280	10	Long Pond—Smithville Flats	Smithville	3.01	.....	.....	3.01	.....
5281	7	Afton—Bainbridge	{ Afton	2.30	.....	.....	4.43	.....
	3, 4		{ Bainbridge	2.13	.....	.....	.....	.....
5281-A*	7	Afton—Bainbridge	Afton	0.15	Afton, v.....	0.57	.....	0.72
5391	{ 8 15	Sherburne Village	Sherburne	.....	Sherburne, v...	0.40	0.40	.....
	{ Pet. V-1082							
	{ Pet. V-1105							

* Built as State Highway No. 5121 on Route No. 8.

* Original plan 4.84 miles, of which 0.91 mile was not on approved system. Included in State Route No. 10 and 3.01 miles constructed as No. 5280.

* 0.03 mile included in State Route No. 8.

* Part in Broome county. Total length 5.61 miles.

* New location to eliminate grade crossing.

* Exclusive of villages.

CHENANGO COUNTY — Concluded

STATE HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
5414	{ 8 Pet. V-1086 Pet. V-1098 }	{ 6-8 }	Norwich—Oxford.....	Norwich.....	4.33	Norwich, c.....	0.72	9.64	.....
				Preston.....	0.19	.....	.....	.....	.....
				Oxford.....	2.84	Oxford, v.....	1.56	.....	.....
5454	7	6	Robbins Crossing.....	Bainbridge.....	0.20	.....	.....	0.20	.....
5565	{ 8 Pet. V-1211 }	{ 1-2 }	Chenango Forks—Greene.....	Greene.....	6.80	Greene, v.....	0.98	7.78	.....
5568	8	17	Sherburne—Earlville.....	Sherburne.....	3.98	.....	.....	3.98	.....
5585 ¹	8	18	Earlville—Hamilton.....	Sherburne.....	.....	Earlville, v.....	0.59	0.59	.....
5623	{ 8-A Pet. V-1223 }	{ 1, 2 }	Oxford—Soldiers' Home.....	Oxford.....	0.56	Oxford, v.....	0.74	1.30	.....
				Towns.....	40.66	.....	.....	39.95	0.15
				Villages.....	.....	.....	7.40	5.50	1.33
				Cities.....	.....	.....	1.23	1.23	.....
				Totals.....	40.66	.....	8.63	46.68	1.89
				Greene—Oxford, Part 1.....	Greene.....	.....	.....	.....	5.57
				Greene—Oxford, Part 2.....	Oxford.....	.....	.....	.....	5.87
				Towns.....	11.44	.....	.....	.....	11.44

CLINTON COUNTY

COUNTY HIGHWAYS.
Petition No.

56	73.....	Plattsburg—Keeseville, Part 1.....	2.82	.....	2.82	.....
57 ²	72.....	Windsor, Part 1.....	1.00	.....	1.00	.....

136*	72.....	Windsor, Part 2.....	Champlain.....	1.75	.....	1.75	.....
137	73.....	Plattsburg—Keeseville, Part 2.....	Plattsburg.....	0.45	.....	4.52	.....
138	231-A.....	Plattsburg—Moorea, Part 1.....	Peru.....	4.07	.....	7.57	.....
258	73-A.....	Plattsburg—Keeseville, Part 3.....	Beekmantown.....	0.04	.....	5.44	.....
259	231.....	Plattsburg—Moorea, Part 2.....	Chazy.....	7.53	.....	7.34	.....
260	231.....	Plattsburg—Moorea, Part 3.....	Peru.....	2.71	.....	4.31	.....
433*	715.....	Chazy—Chazy Landing; Obers Corners—Scotia.....	Ausable.....	2.73	.....	4.60	.....
476*	730.....	Ausable Forks—Clintonville.....	Plattsburg.....	2.24	.....	5.38	.....
533	814.....	West Chazy—Chazy.....	Beekmantown.....	5.10	.....	6.31	.....
651*	730, 2556..	Clintonville—Keeseville.....	Chazy.....	0.86	.....	5.58	.....
652	977.....	Champlain—Perrys Mills.....	Altona.....	0.06	.....	3.25	.....
776	2458.....	West Plattsburg.....	Moorea.....	3.39	.....	7.26	.....
777	69.....	Plattsburg—Cadyville, Part 1.....	Chazy.....	4.60	.....	4.33	.....
778*	120, 2172..	Moorea—Moorea Forks.....	Black Brook.....	2.78	.....	.....	.....
			Ausable.....	2.60	.....	.....	.....
			Chazy.....	6.31	.....	.....	.....
			Ausable.....	5.58	.....	.....	.....
			Champlain.....	3.25	.....	.....	.....
			West Plattsburg.....	7.26	.....	.....	.....
			Plattsburg.....	3.94	.....	.....	.....
			Schuyler Falls.....	0.39	.....	.....	.....

* Total length 6.18 miles. Part in Madison county.

* Included in State Route No. 30.

* 0.40 mile included in State Route No. 22.

* Included in State Route No. 22.

* Constructed as State Highway No. 5102 on Route No. 30.

* Exclusive of villages.

CLINTON COUNTY — Concluded

COUNTY HIGHWAYS.

High- way No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaing contract
779 ¹	72	Plattsburg—Ingraham	Plattsburg	2.30					2.30
822	69	Cadyville—Moffittville	Beekmantown	0.46			6.72		
859 ²	V-15	Keesville Village	Plattsburg	6.26					
930	2897	Moorea Village	Ausable		Keesville, v...	0.67	0.67		
1008	2806	Battleman Road	Moorea		Moorea, v	0.32	0.32		
1204	3022	Plattsburg City: Broad Street	Champlain	1.28			1.28		
1398	69, 3626	Moffittville—Franklin Co. Line	Plattsburg		Plattsburg, e...	0.80	0.80		
1488	2462, 2463	Altona—Obers Corners	Saranac	5.43			10.46		
1489	72	Chazy—Champlain	Black Brook	5.03			5.95		
			Altona	5.63					
			Chazy	0.32					3.34
			Champlain	3.34					
			Towns	101.51			95.87		5.64
			Villages			0.99	0.99		
			Cities			0.80	0.80		
			Totals	101.51		1.79	97.66		5.64

STATE HIGHWAYS.

Route No.	Sec- tion	Name of highway	Miles
5056	22	Keesville—Ausable Chasm	0.68
5102	30	Moorea Forks—Champlain, Part 1.	4.99
	4	Keesville, v...	1.58
	6, 7	Moorea, v...	1.43
			2.26
			6.47

5191	22	7, 8	Plattsburg—Ausable Chasm, Part 1.	{ Plattsburg.....	3.24	.....	.....	.....	6.89	.....
5197	22	9, 10	Plattsburg City.....	{ Peru.....	3.65	.....	.....	.....	.....	.....
5199	22	14, 15	Chazy—Rouses Point.....	{ Chazy.....	1.18	.....	Plattsburg, c.....	1.79	1.79	.....
				{ Champlain.....	7.07	.....	.....	.....	8.25	.....
5223	{ 22 30	{ 16 1	{ Rouses Point Village.....	Champlain.....	.....	Rouses Point, v	2.24	2.24	2.24	.....
	{ Pet. V-1085									
5311*	22	5, 6	Plattsburg—Ausable Chasm, Part 2.	{ Peru.....	1.62	.....	.....	.....	3.35	.....
5337	22	17	Rouses Point—Canadian Line.....	{ Ausable.....	1.73	.....	.....	.....	.....	.....
5475	{ 22 30	{ 9-A 1	{ Plattsburg City: Peru and Char- lotte Streets.....	{ Champlain.....	1.91	Rouses Point, v	0.45	0.45	2.36	.....
	{ Pet. V-1178									
5485	30	8, 9	Mooers Forks—Ellenburg Depot...	{ Mooers.....	7.26	.....	Plattsburg, c.....	0.30	0.30	.....
5520	30	10-12	Ellenburg Depot—Franklin County Line.....	{ Altona.....	1.81	.....	.....	.....	9.63	.....
				{ Ellenburg.....	0.56	.....	.....	.....	.....	.....
5594	22	11	Plattsburg—Ingraham, Part 1.....	{ Ellenburg.....	4.22	.....	.....	.....	11.83	.....
				{ Clinton.....	7.61	.....	.....	.....	.....	.....
				{ Plattsburg.....	1.57	.....	.....	.....	3.79	.....
				{ Beekmantown.....	2.22	.....	.....	.....	.....	.....
				Towns.....	51.32	.....	.....	.....	51.32	.....
				Villages.....	.....	.....	.....	5.75	5.75	.....
				Cities.....	.....	.....	.....	2.09	2.09	.....
				Totals.....	51.32	.....	.....	7.84	59.16	.....

* Included in State Route No. 22. Original plans 6.09 miles. 3.79 miles

constructed as No. 3594.

* Part in Essex county. Total length 1.24 miles.

* Total length 4.92 miles. Part in Essex county.

* Exclusive of villages.

1331	3220.....	Claverack—Chatham, Part 1.....	Claverack.....	4.27	.....	4.27	.....
1332	3222.....	Claverack—Chatham, Part 2.....	Ghent.....	6.78	.....	7.77	.....
			Towns.....	71.28	.....	56.37	14.91
			Villages.....	.....	2.05	2.05	.....
			Cities.....	.....	0.09	0.09	.....
			Totals.....	71.28	2.14	58.51	14.91
			Livingston.....	2.64	.....	2.64	.....
5004 *	2	Blue Stores—Livingston.....	Livingston.....	3.59	.....	3.59	.....
5072 †	2	3 Livingston—Hudson, Part 1.....	Livingston.....	0.41	.....	5.08	.....
5073 †	2	4, 5 Livingston—Hudson, Part 2.....	Greenport.....	4.67	.....	4.32	.....
5074	1	18 Schojack Center—Valatie, Part 4..	Kinderhook.....	4.17	Valatie, v.....	5.20	.....
5103 *	2	9, 10 Stottville—Stuyvesant Falls.....	Stockport.....	5.20	.....	5.20	.....
5104 *	{	{ 2 11-13 Stuyvesant Falls—Valatie.....	Stuyvesant.....	2.42	.....	5.64	.....
	{	{ 1 17 Stuyvesant Falls—Valatie.....	Kinderhook.....	0.31	Kinderhook, v.....	1.95	.....
			Kinderhook.....	.....	Valatie, v.....	0.96	.....
5347	1	5 Hillsdale—Copake Iron Works.....	Hillsdale.....	0.27	.....	4.85	.....
5574	{	{ 2 6} Hudson City.....	Copake.....	4.53	.....	1.17	.....
	{	{ Pet. V-1160}.....	Hudson, c.....	1.17	.....	5.02	.....
5629	1	9 Spencertown—Austerlitz.....	Austerlitz.....	5.02	.....	33.28	.....
			Towns.....	33.28	.....	3.06	.....
			Villages.....	.....	1.17	1.17	.....
			Cities.....	.....	4.23	37.51	.....
			Totals.....	33.28	.....	.....	.....

Totals of No. 589 was included, of which 0.04 mile was rebuilt under 5004-A.

* 6.53 miles included in State Route No. 21.

† Included in State Route No. 2.

‡ Included in State Route No. 1.

§ 6.21 mile included in State Route No. 2.

|| Original contract forfeited.

¶ Original contract 6.73 miles; 6.70 miles constructed.

** Items combined and let as one contract.

†† Original plans 2.59 miles. Due to relocation a portion of No. 589 was included.

‡‡ 9.60 mile included in State Route No. 21.

§§ Included in State Route No. 2, 3.81 miles constructed, of which 0.04 mile was rebuilt under 5004-A.

||| 3.04 miles included in State Route No. 1.

¶¶ Exclusive of villages.

CORTLAND COUNTY

COUNTY HIGHWAYS.

High-way No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
40 ¹	93	Cuyler Road (Truxton Hamlet)....	Truxton.....	0.47	.....	.....	0.47	.....
111 ²	161	Blodgett's Mills.....	Cortlandville.....	0.75	.....	.....	0.75	.....
123	236	Preble—Homer.....	Preble.....	1.23	.....	.....	1.23	.....
208 ³	250	Cortland—Homer.....	Cortlandville.....	0.53	.....	.....	0.53	.....
215	292	Dryden.....	Cortlandville.....	1.99	.....	.....	1.99	.....
377 ⁴	453	Cincinnati.....	Cincinnati.....	0.40	.....	.....	0.40	.....
378 ⁵	454, 505, 506	McGrawville.....	Cortlandville.....	2.90	.....	.....	2.90	.....
379	455	Harford.....	Harford.....	0.90	.....	.....	0.90	.....
380	511, 568	State Road—Homer.....	Homer.....	4.39	.....	.....	4.39	.....
381	567	State Road—Scott.....	Scott.....	2.72	.....	.....	2.72	.....
446	995	Cortland—Groton, Part 1.....	Cortlandville.....	1.35	.....	.....	1.35	.....
510 ⁶	912-E.....	Homer—Tully, Part 1.....	Homer.....	4.17	.....	.....	4.17	.....
535	912-J, 1434	Dryden—Cortland, Part 2.....	{ Cortlandville..... Virgil.....	{ 1.42 1.28	.....	.....	{ 2.70.....	.....
595 ⁷	912-F.....	Homer—Tully, Part 2.....	Preble.....	5.42	.....	.....	5.42	.....
737 ¹	1328, 1329..	Cortland—Truxton—Cuyler.....	Truxton.....	5.78	.....	.....	5.78	.....
738 ¹	1045, 1421..	Cortland—Truxton.....	{ Cortlandville..... Homer.....	{ 1.30 5.20	.....	.....	{ 6.50.....	.....
881	912-D.....	Blodgett Mills—Cortland.....	Cortlandville.....	1.78	.....	.....	1.78	.....
882	912-K.....	Scott—Spafford.....	Scott.....	2.55	.....	.....	2.55	.....
995	912-Y.....	Truxton—Chenango.....	Truxton.....	4.86	.....	.....	4.86	.....
996	1420.....	Cortland—Groton, Part 2.....	Cortlandville.....	2.25	.....	.....	2.25	.....
1075	1435, 2806..	Harford Mills—Dryden, Part 1.....	Harford.....	5.25	.....	.....	5.25	.....
1368	1374, 3631..	Summer Hill—Cortland, Part 3.....	Cortlandville.....	2.07	.....	.....	2.07	.....
1369	2264.....	Truxton—Apulia, Part 1.....	Truxton.....	2.00	.....	.....	2.00	.....

1435	3441, 3720..	Solon—Gee Brook, Part 1.....	Solon.....	3.05	.....	.....	.....	.....	.....
			Freestown.....	1.55	.....	.....	.....	.....	6.07
			Cincinnati.....	1.47	.....	.....	.....	.....	.....
1500	912.....	Marathon—Cortland, Part 4.....	Cortlandville.....	2.33	.....	.....	.....	.....	2.33
			Towns.....	71.36	.....	.....	.....	62.96	8.40
			Villages.....	.....	.....	.....	.....	.....	.....
			Cities.....	.....	.....	.....	.....	.....	.....
			Totals.....	71.36	.....	.....	.....	62.96	8.40
STATE HIGHWAYS.									
5058	Route No. 10	Section 5	Homer Village.....	.....	Homer, v.....	1.42	.....	2.01	.....
5075	9	4	Cortland City: Clinton Avenue.....	.....	Homer, v.....	0.59	.....	0.53	.....
5141	9	10	Truxton—De Ruyter, Part 1.....	2.15	Cortland, c.....	0.53	.....	2.15	.....
5292	9	11	Truxton—De Ruyter, Part 2.....	0.87	Cuyler.....	.....	.....	0.87	.....
5424	9	2, 3	Virgil—Cortland.....	3.18	Virgil.....	.....	.....	5.96	.....
5436	{ Pet. V-1091	{ 10	McGrawville—Solon.....	2.78	Cortlandville.....	2.78	.....	.....	.....
5472*	10	10	.....	1.04	Cortlandville, v	1.00	.....	4.71	.....
5566	9	12	Truxton—De Ruyter, Part 3.....	2.11	Solon.....	.....	.....	2.11	.....
5595	9	3A	Cortland City: Owego Street.....	.....	Cuyler.....	.....	.....	0.23	.....
	4A	1-2	Broome County Line—Marathon... Marathon.....	2.48	Cortland, c.....	0.23	.....	3.75	.....
			Towns.....	17.28	Marathon, v... Marathon, v.....	1.27	.....	.....	.....
			Villages.....	.....	.....	.....	.....	17.28	.....
			Cities.....	.....	.....	4.28	.....	4.28	.....
			Totals.....	17.28	.....	0.76	.....	0.76	.....
			Totals.....	17.28	.....	5.04	.....	22.32	.....

* Included in State Route No. 9.

* Included in State Route No. 4-a.

* Included in State Route No. 10.

* 0.31 mile included in State Route No. 9.

* Original contract forfeited July 21, 1916. Work completed by Division Engineer.

* Exclusive of villages.

DELAWARE COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
24 ¹		Delaware River Road.	Middletown.	.....	.....	.....	.....	.....	.....
36 ²	83-A.	Griffins Corners.	Delhi.	1.00	Fleischmanns.	1.57	1.57	.....	.....
145	82	Delaware River.	Walton.	4.20	.....	.....	1.00	.....	.....
164 ³	246.	Downesville.	Roxbury.	0.95	.....	.....	0.95	.....	4.20
216 ⁴	244.	Roxbury.	Roxbury.	1.00	.....	.....	1.00	.....	.....
217 ⁵	245.	Grand Gorge.	Middletown.	4.95	Fleischmanns.	0.01	4.96	.....	.....
239 ⁶	235.	Fleischmanns—Margaretville.	Delhi.	3.75	.....	.....	.....	.....	.....
747	445, 577.	Delhi—Bloomville.	Kortright.	2.14	.....	.....	5.89	.....	.....
951	327.	Bovina Center—South.	Bovina.	2.37	.....	.....	2.37	.....	.....
952	2912, 2913.	Hobart—Stamford.	Stamford.	0.80	Hobart, v.	1.08	4.65	.....	.....
982	2908, 2910, 2911.	Delhi—Andes.	Harpersfield.	2.54	Stamford, v.	0.23	.....	.....	.....
			Delhi.	5.51	Delhi, v.	0.81	.....	.....	.....
			Bovina.	3.40	.....	.....	13.37	.....	.....
983	326.	Franklin—Treadwell, Part 1.	Andes.	2.11	Andes, v.	1.54	2.56	.....	.....
1270	{ 3111, 3119, V-945, 3580 }	Meridale—Delhi.	Franklin.	2.56	.....	.....	7.69	.....	.....
1271	3118, 3494.	Rock Rift—Colchester.	Mercedith.	4.09	.....	.....	.....	.....	.....
1272	3117.	Colchester—Delaney.	Delhi.	2.34	Delhi, v.	1.26	11.42	.....	.....
1273	3116, 3392.	Downsville Hamlet: Main Street, Maple Avenue and Creamery St.	Walton.	10.24	Walton, v.	1.18	.....	5.84	.....
			Hamden.	5.84	.....	.....	.....	.....	.....
1439	{ V-357, 3115, 3114. }	Sidney—Masonville.	Colchester.	2.50	.....	.....	2.50	.....	.....
			Sidney.	1.87	Sidney, v.	0.70	.....	6.51	.....
			Masonville.	3.94	.....	.....	.....	.....	.....

1440	{ V-372, 3113, 3396..... }	Franklin—Unadilla, Part 1.....	Franklin.....	2.51	Franklin.....	0.88	.....	3.39	.....
1441	V-371, 3112.	Delancy—Delhi.....	Delhi.....	2.28	Delhi.....	2.03	.....	4.31	.....
<hr/>									
		Towns.....	72.89	.....	.....	.....	52.25	16.44	4.20
		Villages.....	.....	.....	.....	11.29	7.08	3.61	.....
		Cities.....	.....	.....	.....	.....	.....	.....	.....
<hr/>									
		Totals.....	72.89	.....	.....	11.29	59.93	20.05	4.20
<hr/>									
5045	Route No. 4	Section 11 Deposit—Hales Eddy.....	Deposit.....	2.67	Deposit.....	0.36	3.03	.....	.....
5167	4	9, 10 Hales Eddy—Hancock.....	{ Deposit..... Hancock..... }	4.73	.....	.....	8.60	.....	.....
5177 *	5	1 Pine Hill—Griffin Corners.....	Middletown.....	3.87	.....	.....	1.34	.....	.....
5246 *	4	7 Hancock—East Branch, Part 2.....	Hancock.....	1.31	Fleischmanns..	0.03	6.48	.....	.....
5338 } 7	4	12 Windsor—Deposit.....	Deposit.....	6.48	.....	.....	0.38	.....	.....
5338-A }	Pet. V-1079								
5340 *	4	1-3 East Branch—Sullivan Co. Line, Pt.2	Colchester.....	6.84	.....	.....	6.84	.....	.....
			Roxbury.....	3.42	.....	.....	.....	.....	.....
5343 *	5	9, 10 Grand Gorge—Stamford—Harpers- field.....	{ Stamford..... Harpersfield..... }	1.18	Stamford, v....	0.85	9.42	.....	.....
				3.48	Stamford, v....	0.49	.....	.....	.....

* Plans never approved by the Board of Supervisors. They are therefore void.

† Included in State Route No. 5.

‡ Not an approved system. Advertised but no proposals were within the appropriation.

§ 0.75 mile included in State Route No. 5.

|| Part in Ulster county. Total length 3.64 miles.

* Original contract for 13.42 miles cancelled. 6.91 miles re-let as No. 5456.

† Total length 13.69 miles, part in Broome county. 0.38 mile in Delaware county cancelled and re-let as part of No. 5338-A.

‡ Original plans 7.99 miles; 1.15 miles included in No. 5338-A.

§ Part in Schoharie county. Total length 12.07 miles.

|| Original title, Delhi—Middletown.

* Exclusive of villages.

DELAWARE COUNTY — Concluded

STATE HIGHWAYS.

High- way No.	Route No.	Sec- tion	Name of highway	Town	*Miles in town	City or village	Miles in city/ or vil- lage	Miles under con- struc- tion	Miles ap- proved and awaiting contract
5383 ¹ 5383A	4	4-6	East Branch—Sullivan Line, Part 1.....	Hancock.....	6.33	.....	.....	7.23	.....
				Colchester.....	0.90	.....	.....	.....
5384	5	4	Margaretville—Halcottsville.....	Middletown.....	5.05	Margaretville, v	1.08	6.13	.....
5443	5	11, 12	Harpersfield—Davenport Center...	Harpersfield.....	2.91	.....	.....	14.42	.....
				Kortright.....	3.77	.....	.....
5450	5	5	Halcottsville—Roxbury.....	Davenport.....	7.74	.....	.....	6.09	.....
				Roxbury.....	4.97	.....	.....
5451 ²	5	13, 14	Davenport Center—Oneonta.....	Middletown.....	1.12	.....	.....	.....	.....
5452	4	8	Hancock—East Branch, Part 1.....	Davenport.....	5.39	.....	.....	5.39	.....
5453	5	7	Roxbury—Grand Gorge.....	Hancock, v.....	4.77	Hancock, v	2.12	6.89	.....
552	38	1, 2	Grand Gorge—Greene County Line.	Roxbury.....	5.66	.....	.....	5.66	.....
				Roxbury.....	3.90	.....	.....	3.90	.....
				Towns.....	86.49	.....	.....	86.49	.....
				Villages.....	.....	.....	5.31	5.31	.....
				Cities.....	.....	.....	.....	.....	.....
				Totals.....	86.49	.....	5.31	91.80	.....

DUTCHESS COUNTY

COUNTY HIGHWAYS.

Petition
No.

135	175	Violet Avenue.....	{ Poughkeepsie..... 1.56	.....	.....	3.34	.....
222	239	Hughsonville.....	{ Hyde Park..... 1.78	.....	.....	3.47	.....
223*	238	South.....	Wappinger..... 3.47	.....	.....	3.90	.....
343*	443	Pawling—Patterson.....	Poughkeepsie..... 3.90	.....	.....	2.23	.....
344	444	Millerton—Northeast Center.....	Pawling..... 2.23	.....	.....	1.78	.....
432*	776	Rhinebeck—Hyde Park.....	Northeast..... 1.78	.....	.....	3.26	.....
453*	735	Poughkeepsie—Hyde Park.....	Rhinebeck..... 3.26	.....	.....	4.00	.....
534	774	Northeast Center—Sharon Station.....	Hyde Park..... 4.00	.....	.....	3.65	.....
537*	772	Amenia—Wassaic.....	Northeast..... 3.65	.....	.....	4.83	.....
549	839, 830, 831	Poughkeepsie—Pleasant Valley.....	Amenia..... 4.83	.....	.....	6.92	.....
550	175, 914	Violet Avenue—East Park.....	{ Poughkeepsie..... 5.97	.....	.....	1.99	.....
551	1122	Fishkill—Hughsonville.....	{ Pleasant Valley..... 0.91	Pleasant Valley 0.04	.....	2.91	.....
552*	775	Rhinebeck—Elizaville.....	Hyde Park..... 1.99	.....	.....	5.54	.....
567*	812	Mattewan—Wicopee.....	Fishkill..... 2.91	.....	.....	4.68	.....
568	827	Millbrook—Lithgow.....	Red Hook..... 5.54	.....	.....	4.40	.....
609	828	Washington Hollow—Millbrook.....	Fishkill..... 4.68	.....	.....	1.63	.....
612*	773	Pawling—Dover Town Line.....	Washington..... 4.40	.....	.....	2.92	.....
			Washington..... 1.63	.....	.....		.....
			Pawling..... 2.92	.....	.....		.....

* Original contract for 2.12 miles cancelled. Plans changed to 7.23 miles and re-set as No. 5383-A.
 † Part in Otsego county. Total length 7.89 miles.

* Included in State Route No. 2.

* Included in State Route No. 1.

* 4.16 miles included in State Route No. 1.

* Original contract 5.71 miles. 5.68 miles constructed.

* Exclusive of villages.

DUTCHESS COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
627	913.....	Wicopee—Beekman.....	East Fishkill.....	8.13	.....	.....	8.13	.....	.....
628	813.....	Rock City—Lafayetteville.....	Milan.....	4.06	.....	.....	4.06	.....	.....
629 ¹	1023.....	Casper Creek—Wappinger Falls.....	.....	.....	.....	.....	.....	.....	.....
709	1026, V-105.	Millerton—County Line.....	Northeast.....	3.78	Millerton, v.....	0.91	4.69	.....	.....
710 ²	1032.....	Red Hook—Rhinebeck.....	Rhinebeck.....	.....	.....	.....	.....	.....	.....
711 ³	1170.....	Wassaic—Dover.....	Amenia.....	.....	.....	.....	.....	.....	.....
712	1131.....	Amenia—Sharon Station.....	Amenia.....	2.29	.....	.....	2.29	.....	.....
748 ⁴	V-107, 829..	Pleasant Valley—Washington Hollow.....	Pleasant Valley.....	3.97	Pleasant Val., v.....	1.51	5.48	.....	.....
895	V-38.....	Fishkill Village.....	Fishkill.....	.....	Fishkill, v.....	0.89	0.89	.....	.....
1006	1024.....	Lithgow—Amenia.....	Washington.....	1.55	.....	.....	2.97	.....	.....
1007	1025.....	Millerton—Indian Pond.....	Amenia.....	1.42	.....	.....	.....	.....	.....
1051	V-146, 3071.	Matteawan Village.....	Northcast.....	2.06	Millerton, v.....	0.66	2.72	.....	.....
1114	V-104.....	Millbrook Village.....	Washington.....	.....	Beacon, c.....	1.23	1.23	.....	.....
1162 ⁶	3120.....	Stonehouse—Stormville.....	Beekman.....	5.16	Millbrook, v.....	3.02	3.02	.....	.....
1163 ⁶	3145.....	Putnam County Line—Stonehouse.....	Pawling.....	6.18	.....	.....	5.16	.....	.....
1235 ⁷	2393, 2900..	Fishkill Plains—East Fishkill.....	East Fishkill.....	5.30	.....	.....	.....	6.18	.....
1312 ⁸	3142, 3618..	Barrytown—Red Hook—Rock City.....	Red Hook.....	5.52	Red Hook, v.....	1.08	.....	.....	.....
1313	2560, 2616..	Lafayetteville—Pine Plains—Winchell, Part 1.....	Milan.....	0.21	.....	.....	.....	6.81	.....
			Milan.....	2.29	.....	.....	.....	.....	.....
			Pine Plains.....	4.57	.....	.....	.....	6.86	.....

1314	2616.	Lafayetteville—Fine Plains — Win-	Pine Plains.....	5.36	.....	5.36	.....
1412	V-254, 3272.	chell, Part 2	Wappinger Falls Village.....	.....	Wappinger Falls	0.57	.....
			Towns.....	123.86	.....	.....	.....
			Villages.....	.....	.....	8.68	7.60 1.08
			Cities.....	.....	.....	1.28	1.28
			Totals.....	123.86	9.96	113.97	19.85
STATE HIGHWAYS.							
			Route No.	Sec- tion			
5009	1	2 Pawling Village.....	Pawling.....	.....	Pawling, v....	1.67	1.67
5050	2 4	Casper Creek—Wappinger Falls...{	Poughkeepsie.....	2.14	.....	.....	2.14
5092	{ 2 11, 12}	Red Hook—Rhinebeck.....	Rhinebeck.....	2.50	Rhinebeck, v..	1.65	4.15
	{ Pet. V-1025 }						
	{ 2 14 }	Red Hook Village.....	Red Hook.....	.....	Red Hook, v...	1.33	1.33
5095	{ Pet. V-1010 }						
5135	2 9	Hyde Park—Staatsburg.....	Hyde Park.....	5.22	.....	.....	5.22
5150	{ 2 1 }	Peekskill—Fishkill, Part 5.....	Fishkill.....	3.31	Fiahkill, v....	0.34	3.65
	{ Pet. V-1029 }						
5154	2 2	Fishkill Village—Wappinger Falls... {	Fiahkill.....	0.80	Fiahkill, v....	0.20 }	4.81
			Wappinger.....	3.17	Wappinger F'ls.	0.64	.....

¹ Constructed as State Highway No. 5050 on Route No. 2.

* Constructed as State Highway No. 5092 on Route No. 2.

* Constructed as State Highway No. 5460 on Route No. 1.

⁴Original contract 5.43 million; 0.03 mile additional built under supplemental agreement.

Original contract forfeited May 1, 1918.
Original contract forfeited August 22 1918

⁷ Original contract 5.44 miles; reduction due to contract 10Hated August 22, 1918.

* Original contract 3.44 miles, reduction due to change in alignment.

2010-2011

STATE HIGHWAYS.

[illegible]

DUTCHESS COUNTY — Concluded

STATE HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5326	1	3	Dover Plains—Pawling Town Line, Part 2.....	Dover.....	3.93	.....	.....	3.93	.....	.....
5460	1	4	Wassiac—Dover Plains—Pawling Town Line, Part 1.....	Amenia..... Washington..... Dover.....	3.56 0.52 6.79	.....	.....	10.87	.....	.....
5484	1	6	Delavergne Hill—Amenia.....	Amenia.....	2.09	.....	.....	2.09	.....	.....
5489	{ 2 6, 7 Pet. V-117-A }		Poughkeepsie City: South Avenue and Washington Street.....	.....	.....	Poughkeepsie, c	0.79	0.79	.....	.....
5549	{ 2 3 Pet. V-1159 }		Wappinger Falls Village: Main Street.....	Poughkeepsie..... Wappinger.....	.....	Wappinger F'ls. Wappinger F'ls.	0.68 0.20	0.88	.....	.....
5580	1	7-8	Amenia—Pine Plains, Part 1.....	Amenia..... Northeast..... Northeast.....	3.45 3.52 2.05	.....	.....	.....	6.97	.....
5628	1	9, 10	Amenia—Pine Plains, Part 2.....	Pine Plains.....	4.74	.....	.....	.....	6.79	.....
				Towns.....	47.79	.....	.....	34.03	13.76	.....
				Villages.....	.....	.....	6.71	6.71	.....	.....
				Cities.....	.....	.....	0.79	0.79	.....	.....
				Totals.....	47.79	.....	7.50	41.53	13.76	.....

SPECIAL HIGHWAYS.

9003	State Hospital.....	Poughkeepsie.....	1.46	....	....	1.46	....	....
9004	Vanderbilt.....	Hyde Park.....	0.83	....	....	0.83	....	....
Towns.....			2.29	....	....	2.29	....	....

ERIE COUNTY

COUNTY HIGHWAYS.

Petition No.								
2	1, 2176.....	Buffalo—Hamburg.....	.....	.....	Lackawanna, c.	1.87	....	....
23	59.....	River.....	4.61	.....	Hamburg.....	....	6.48	....
27	112.....	Orchard Park, Part 1.....	1.45	.....	Tonawanda.....	....	1.45	....
66	112.....	Orchard Park, Part 2.....	0.95	.....	East Hamburg.....	....	1.15	....
67 ⁴	112.....	Orchard Park, Part 3.....	0.59	.....	East Hamburg.....	....	0.95	....
68	112, 2177...	Orchard Park, Part 4.....	2.82	.....	West Seneca.....	....	3.41	....
69 ²	2, 6.....	Main Street, Part 1.....	1.17	.....	West Seneca.....	....	1.17	....
86 ²	5.....	Big Tree.....	3.42	.....	Amherst.....	....	3.42	....
87 ²	2, 6.....	Main Street, Part 2.....	1.19	.....	Aurora.....	....	4.00	....
88	128.....	Transit, Part 1.....	2.81	.....	Wales.....	....	1.93	....
			1.93	.....	Amherst.....	....	1.93	....
			2.14	.....	Clarence.....	....	4.28	....
			2.14	.....	Amherst.....	....	4.28	....

² Included in State Route No. 6.³ 0.27 mile included in State Route No. 19.⁴ 0.68 mile included in State Route No. 17.⁵ Exclusive of villages.

ERIE COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
89	128	Transit, Part 2	{ Amherst. Clarence.	2.03 2.03	.....	.....	4.06	.....	.....
128 ⁴	202	Aurora—Buffalo, Part 1	West Seneca	5.57	.....	.....	5.57	.....	.....
129	224	River, Parts 2 and 3	Tonawanda	3.02	.....	.....	3.02	.....	.....
130 ³	2, 6	Main Street, Part 3	Clarence	5.63	.....	.....	5.63	.....	.....
131 ³	6	Main Street, Part 4	{ Clarence. Newstead.	0.60 5.98	.....	.....	6.58	.....	.....
263 ³	248	Aurora—Buffalo, Part 2	Elma	4.23	.....	.....	4.23	.....	.....
264 ³	334	Aurora—Buffalo, Part 3	Aurora	0.74	.....	.....	0.74	.....	.....
272	249	Orchard Park, Part 5	East Hamburg	1.21	.....	.....	1.21	.....	.....
371 ³	583 ³ , 2178	Clinton Street, Part 1	{ Cheektowaga. West Seneca.	0.41 4.65	.....	.....	5.06	.....	.....
372 ³	584	Clinton Street, Part 2	Elma	6.14	.....	.....	6.14	.....	.....
373	586	Goodrich	Clarence	8.76	.....	.....	8.76	.....	.....
522	585	Clarence—Hunts Corners	Clarence	4.74	.....	.....	4.74	.....	.....
523	587	Hamburg—North Collins	{ Hamburg. Eden.	1.24 7.62	.....	.....	8.86	.....	.....
524	680	North Collins—Lawton	North Collins	4.26	N. Collins, v...	1.14	5.42	.....	.....
525 ⁷	726	Lawton—Gowanda	Collins	0.02	.....	.....	3.25	.....	.....
525-A	726	Lawton—Gowanda State Farm	Collins	3.25	.....	.....	0.59	.....	.....
525-B	726	Lawton—Gowanda	Collins	0.28	.....	.....	0.28	.....	.....
526	727	Collins—Mortons Corners, Part 1	Collins	0.28	.....	.....	3.96	.....	.....

527	588.....	Hamburg—Springville, Part 1.....	{ Hamburg Boston.....	2.06	.....	9.47	.....
528	725.....	Hamburg—Springville, Part 2.....	Concord.....	7.41	.....	7.34	.....
529 ¹	679, 720....	Alden Town Line—Marilla.....	{ Alden..... Marilla.....	3.55	.....	6.02	.....
530	4.....	Base Line—Grand Island, Part 1....	Grand Island.....	2.47	.....	1.81	.....
531	4.....	Base Line—Grand Island, Part 2....	Grand Island.....	2.59	.....	2.59	.....
532	4.....	Base Line—Grand Island, Part 3....	Grand Island.....	1.87	.....	1.87	.....
534	721.....	Skinnerville—New Home Bridge....	Amherst.....	7.96	.....	7.96	.....
642	{ 590, 591.... 592, 599....	Angola—Evans Center.....	Evans.....	2.70	.....	6.90	.....
644	1864.....	Angola—Brant—Farnham.....	Brant.....	4.20	.....	0.73	.....
645	1853, 1854..	Alden Town Line, Part 2.....	Alden.....	0.73	.....	4.62	.....
750	1844.....	Orchard Park—Griffin Mills, Parts 1 and 2.....	{ East Hamburg..... Aurora.....	3.17	.....	5.94	.....
751	1875.....	Clarence Center.....	Clarence.....	5.94	.....	7.03	.....
862	V-31.....	Aurora—Glenwood, Part 2.....	Colden.....	7.03	.....	0.97	.....
863	1, V-28....	Hamburg Village.....	Hamburg.....	.....	Hamburg, v.....	1.04	.....
866	1855.....	Blasdel Village.....	Hamburg.....	.....	Blasdel, v.....	2.01	.....
913	1837.....	Aurora—Glenwood, Part 1.....	Aurora.....	2.01	.....	1.82	.....
914	1862.....	Ellicott Creek.....	Tonawanda.....	1.82	.....	3.63	.....
915	V-71.....	Broadway—Depew.....	Cheektowaga.....	3.63	.....	1.46	.....
		Lancaster Village.....	Lancaster.....	.....	Lancaster, v.....	.....	.....

¹ 2.45 miles included in State Route No. 19.

² Included in State Route No. 6.

³ Included in State Route No. 17.

⁴ 4.12 miles included in State Route No. 17.

⁵ Original contract called for 5.23 miles in West Seneca. 0.37 mile at R. R. omitted. All included in State Route No. 19.

⁶ Included in State Route No. 19.

⁷ Original contract 4.00 miles. 3.37 miles built, of which .02 mile was rebuilt as No. 525-B.

⁸ Exclusive of villages.

ERIE COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
916	1862, V-70.	Depew Village.....	{ Cheektowaga	.....	Depew, V.....	1.59	2.30	.....	.....
917	1863.....	Lancaster-Alden.....	{ Lancaster	.....	Depew, V.....	0.71	4.11	.....	.....
924 } 924-A }	1859.....	Wales Center-Wales.....	Wales.....	6.03	.....	.....	6.03	.....	.....
925	2914.....	Jamison—East Elma.....	{ Elma.....	4.21	.....	.....	5.39	.....	.....
947	1845, V-74..	Akron—Tonawanda Creek (and Akron—South Newstead).....	{ Marilla.....	1.18	.....	.....	.....	.....	.....
989	3056, 3062..	Springville Village.....	Newstead.....	8.93	Akron, V.....	1.21	10.14	.....	.....
990	V-12, 3051..	Angola Village.....	Concord.....	.....	Springville, V...	2.25	2.25	.....	.....
991	3037.....	East River.....	Evans.....	.....	Angola, V.....	1.04	1.04	.....	.....
1034	3053, 3054..	Chafee—Sardinia.....	Grand Island.....	4.64	.....	.....	4.64	.....	.....
1035 } 1035-A }	1879.....	Holland—Glenwood, Part 1.....	Sardinia.....	4.20	.....	.....	4.20	.....	.....
1036	1839.....	Tonawanda Creek, Part 4.....	Holland.....	3.11	.....	.....	3.11	.....	.....
1037 } 1037-A }	V-166, 3055.	Gowanda Village.....	Clarence.....	3.77	.....	.....	3.77	.....	.....
1038	724.....	Water Valley—Clarkburg, Part 1..	Collins.....	.....	Gowanda, V....	1.11	1.11	.....	.....
1063	2990, 2991..	Tonawanda City: Niagara and Elliott Streets.....	Eden.....	2.89	.....	.....	2.89	.....	.....
1064	2444, 3041..	Tonawanda Creek—Hunts Corners.	.....	.....	Tonawanda, e..	2.55	2.55	.....	.....
1065	V-153, 2222.	Alden Village.....	Clarence.....	4.03	.....	.....	4.03	.....	.....
			Alden.....	.....	Alden, V.....	1.66	1.66	.....	.....

1066	1849, 1850, V 225.....	Orchard Park—East Aurora.....	{ East Hamburg..... Aurora.....	2.89 3.11	.....	6.56	.....
1067	3050.....	Athol Springs—Hamburg.....	{ Hamburg..... Concord.....	3.76 0.75	East Aurora, v..... Hamburg, v.....	0.56 0.32	.....
1124	1884.....	Cattaraugus Creek, Part 1.....	Cheektowaga.....	5.40	.....	0.75	.....
1212 ⁶	1847.....	Genesee Street, Part 1.....	Lancaster.....	6.22	.....	5.40	.....
1213	1860.....	Genesee Street, Part 2.....	Alden.....	5.89	.....	6.22	.....
1214	1861.....	Genesee Street, Part 3.....	Aurora.....	.....	E. Aurora, v.....	5.89	.....
1289	3520, V-332	E. Aurora Village: E. Main Street.....	Brant.....	.....	Farnham, v.....	0.34	.....
1304 ⁴	3571.....	Farnham Village: Commercial Street.....	Collins.....	4.02	.....	1.17	.....
1333	727, 728....	Collins Center—Springville.....	Concord.....	5.12	.....	.....	9.14
			Amherst.....	0.48	.....	.....	.....
1334 ⁵	1841, 1842, V-354, 3633	Transit, Part 4.....	Clarence.....	0.30	.....	.....	.....
			Cheektowaga.....	0.79	Depew, v.....	0.88	0.61 3.69
			Lancaster.....	0.97	Depew, v.....	0.88	.....
1335	3614, 3620..	East Eden—Hamburg.....	Eden.....	3.17	.....	4.52	.....
1336	3038.....	West River.....	Hamburg.....	1.06	Hamburg, v.....	0.29	.....
1443	3058.....	North Collins—Langford.....	Grand Island.....	5.19	.....	5.19	.....
1444	2557, 3677..	Hunts Corners—Akron.....	North Collins.....	4.71	N. Collins, v.....	0.38	5.09
1445	1869.....	East Aurora—Lancaster, Part 2.....	Clarence.....	0.53	.....	.....	3.75
1446	1846.....	South Newstead—Peters Corners.....	Newstead.....	3.22	.....	.....	.....
			Elma.....	3.54	.....	.....	3.54
			Alden.....	0.91	.....	.....	0.91

¹ Original contract cancelled. Re-let as No. 1035-A.

² Original contract cancelled. Re-let as No. 924-A.

³ 0.39 mile of original contract cancelled for elimination of grade crossing. Re-let as No. 1037-A.

⁴ Original contract forfeited October 10, 1916.

⁵ 3.18 miles forfeited June 1, 1916, and being completed as No. 1334-A.

⁶ the Hewitt Act.

⁷ Actual length built, 5.89 miles. 0.01 mile additional (concrete bridge) built by town.

⁸ Exclusive of villages.

1.12 miles cancelled and re-let as No. 1334-B, of which 0.61 mile was accepted under

ERIE COUNTY — Concluded

COUNTY HIGHWAYS.

High- way No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles ap- proved and con- struc- tion contract
1447	{ 3059, V- 3058 }	Brant—North Collins	{ Brant. North Collins.	4.13	N. Collins, v.	0.37	.....	4.50
1491	2559, 3044..	Marilla—Marilla Station	Marilla.	0.74	.....	.....	.....	2.97
1492	3039.....	Ellicott Creek—Getaville	Alden.	2.23	.....	.....	.....	.....
1493	1843.....	Transit—Wolcottsburg	Amherst.	2.90	.....	.....	2.90	.....
1494	3694.....	Lancaster—Clinton Street	Clarence.	3.02	.....	.....	.....	3.02
			{ Lancaster Elma.	1.50 0.35	Lancaster, v.	0.49	.....	2.34
				Towns.....	.....	.....	258.36	32.41
				Villages.....	.....	.....	19.86	17.24
				Cities.....	.....	.....	4.42	4.42
				Totals.....	.....	.....	24.28	280.02
							34.54	6.79

STATE HIGHWAYS.

Route No.	Sec- tion	Highway	Miles
5019	18	7 Lake Shore—Lackawanna City	1.87
5054	18	5 Evans	0.95
5061	6	5 Eighteen Mile Creek	1.00
5071	{ 18 8 Pet. V-1137 }	4 Williamsville Village	1.08
5172	18	{ Lackawanna City, South. Tonawanda.	0.67 1.09
		13 Niagara Falls—Buffalo, Part 4	1.83
		Amherst.	2.92

5193	18	12	Niagara Falls—Buffalo, Part 5.....	{ Amherst.....	1.42	.....	.....	.....	.....	.....
				{ Tonawanda.....	1.42	.....	.....	2.84	.....	.....
5317	{ 17	4	{ East Aurora—Holland, Part 1.....	{ Aurora.....	3.52	East Aurora, v.	0.72	.....	.....	.....
	{ Pet. V-1054			{ Wales.....	0.73	.....	.....	4.97	.....	.....
5407	18	6	Athol Springs—Walden Cliffs.....	Hamburg.....	5.87	.....	.....	5.87	.....	.....
5433	{ 17	6	{ East Aurora Village: Main Street...	Aurora.....	.....	East Aurora, v.	0.88	0.88	.....	.....
	{ Pet. V-1171									
5453	17	3	East Aurora—Holland, Part 2.....	{ Wales.....	0.62	.....	.....	4.52	.....	.....
				{ Holland.....	3.90	.....	.....	.....	.....	.....
5546	18	4	Eighteen Mile Creek—Evans Center	Evans.....	4.48	.....	.....	4.48	.....	.....
5550	17	7	Aurora—Buffalo, Part 4.....	Aurora.....	.....	East Aurora, v.	0.59	0.59	.....	.....
5600	18	1	Farnham—Irving.....	{ Brant.....	0.75	Farnham, v.	0.07	2.11	.....	.....
				{ Catt. Indian Res... 1.29	.....	.....	.....	.....	.....	.....
5623	17	2	Holland—Yorkshire, Part 1.....	{ Holland.....	3.53	.....	.....	.....	5.19	.....
				{ Sardinia.....	1.66	.....	.....	.....	.....	.....
5634	18	2, 3	Evans Center—Farnham.....	Evans.....	3.79	.....	.....	.....	5.27	.....
				{ Brant.....	0.80	Farnham.....	0.67	.....	.....	.....
5635	19	7	Marilla—Wales Center.....	{ Marilla.....	4.72	.....	.....	.....	5.78	.....
				{ Wales.....	1.06	.....	.....	.....	.....	.....
				Towns.....	46.97	.....	.....	31.41	5.19	10.37
				Villages.....	.....	.....	4.01	3.34	.....	0.67
				Cities.....	.....	.....	1.94	1.94	.....	.....
				Totals.....	46.97	.....	5.95	36.69	5.19	11.04

* Exclusive of villages.

ESSEX COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
232	237	Old State	Chesterfield	2.64	.....	.....	2.64	.....	.....
658 ¹	1666, 2274.	County Line—Alden Lair, Part 1.	Minerva	3.64	.....	.....	3.64	.....	.....
744	1660	Port Henry—Westport, Part 2.	Westport	3.77	.....	.....	3.77	.....	.....
745 ²	1638	Taylor—Schroon Lake Village	Schroon	5.46	.....	.....	5.46	.....	.....
766 ¹	1668	Alden Lair—Newcomb, Part 2.	Newcomb	7.03	.....	.....	7.03	.....	.....
821	1673, 2659.	Saranac Lake—Bloomingtondale.	St. Armand	5.50	.....	.....	5.50	.....	.....
841	1658	Crown Point—Port Henry	Crown Point	2.23	.....	.....	4.45	.....	.....
859 ⁴	V-15	Keesville Village	Moriah	2.22	.....	.....	0.57	.....	.....
891	{ 1657, 2752, 2861	Ticonderoga—Crown Point	Chesterfield	.....	Keesville, v...	0.57	.....	.....	.....
929	2902, 2903.	Ticonderoga—Crown Point	Ticonderoga	5.99	.....	.....	5.99	.....	.....
		Saranac Lake Village—Bloomingtondale Village	{ St. Armand St. Armand	.....	Saranac Lake, v	0.48	1.44	.....	.....
				.....	Bloomingtondale, v	0.96	.....	.....	.....
1017	{ V-114, 1659, 1680	Port Henry—Westport	{ Moriah Westport	4.07	Port Henry, v.	1.74	6.12	.....	.....
1176	2862	Ticonderoga—Crown Point, Part 2.	Crown Point	0.31	.....	.....	4.67	.....	.....
1177	1652	Ray Brook—Lake Placid	North Elba	4.67	.....	.....	5.34	.....	.....
1178	1653	Saranac Lake—Ray Brook	North Elba	4.98	Lake Placid, v.	0.36	3.83	.....	.....
1285	1661	Westport—Wadhams Mills	Westport	2.37	Saranac Lake, v	1.46	3.31	.....	.....
1286	.....	Gabriels—Bloomingtondale, Part 2.	St. Armand	3.31	.....	.....	0.52	.....	.....
1410	V-292, 3356.	Westport Village: Main Street	Westport	.....	Bloomingtondale, v	0.52	0.52	.....	.....
1411	1661, 3454.	Wadhams Mills—Whallonsburg	{ Westport Essex	2.10	Westport, v	1.76	1.76	.....	4.95
1496	3752, 36529, 3753	Westport—Elisabethtown	{ Westport Elisabethtown	2.85	.....	.....	.....	.....	8.85
				3.84	Westport, v	1.32	.....	.....	.....
				3.01	Elisabethtown	0.68	.....	.....	.....

1511 V-351, 3784. Lake Placid Village: Main Street and
Saranac Avenue.....

North Elba.....	Lake Placid....	1.09	.....	1.09
Towns....	69.99	.....	58.19	11.80
Villages....	.....	10.94	7.85	3.09
Cities.....	.....	.....	.....	.....
Totals....	69.99	10.94	66.04	14.89

STATE HIGHWAYS.

Route No.	Section								
5011	22	20	Ausable Forks—Jay.....	Jay.....	3.45	.....	3.45	.....	.....
5117	22	9, 10	Euba Mills—New Russia.....	Elizabethtown.....	6.00	.....	6.00	.....	.....
5179 } 5179-A }	22	2, 3	Schroon Lake—North Hudson, Pt. 1	Schroon.....	6.78	.....	6.78	.....	.....
5180	22	4, 5	Schroon Lake—North Hudson, Pt. 2	North Hudson.....	5.39	.....	5.39	.....	.....
5181	22	6, 7	North Hudson—Euba Mills, Part 1.	North Hudson.....	3.94	.....	3.94	.....	.....
5182	22	8	North Hudson—Euba Mills, Part 2.	{ North Hudson.....	4.57	.....	5.29	.....	.....
				{ Elizabethtown.....	0.72	.....	.....	.....	.....
5183	22	11	New Russia—Elizabethtown.....	Elizabethtown.....	3.55	Elizabethtown..	0.15	3.70	.....
5184	22	19	Ausable Forks—Jay, Part 2.....	Jay.....	2.54	.....	.....	2.54	.....
5186	25	7, 8	Minerva—Aiden Lair.....	Minerva.....	6.33	.....	.....	6.33	.....
5187	25	5, 6	Aiden Lair—Newcomb, Part 1.....	Minerva.....	5.69	.....	.....	5.69	.....
5188	25	1, 2	Newcomb—Long Lake, Part 1.....	Newcomb.....	4.63	.....	.....	4.63	.....
5235	22	18	Jay—Upper Jay.....	Jay.....	3.69	.....	.....	3.69	.....

¹ Included in State Route No. 25.

² Included in State Route No. 22.

³ Original contract cancelled. Re-let as No. 5179-A.

⁴ Total length 1.24 miles, part in Clinton county.

⁵ Exclusive of villages.

ESSEX COUNTY — Concluded

STATE HIGHWAYS.	Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5236	22	16, 17		Upper Jay—Keene.....	{ Jay.....	2.25	.....	.....	6.06	.....	.....
					{ Keene.....	3.81	.....	.....	.....	.....	.....
5238	22	14, 15		Elizabethtown—Keene, Part 2.....	Keene.....	6.21	.....	.....	6.21	.....	.....
5239	22	12, 13		Elizabethtown—Keene, Part 1.....	Elizabethtown.....	4.82	Elizabethtown..	1.36	6.18	.....	.....
5311 ¹	22	21		Plattsburg—Ausable Chasm, Part 2.....	Chesterfield.....	1.57	.....	.....	1.57	.....	.....
5500	22-A	1		Jay—Lake Placid, Part 2.....	{ Wilmington.....	0.63	.....	.....	.....	.....	.....
					{ North Elba.....	6.37	Lake Placid, v..	0.18	7.18	.....	.....
5540	22-A	2, 3		Jay—Lake Placid, Part 1.....	{ Jay.....	1.90	.....	.....	10.16	.....	.....
					{ Wilmington.....	8.26	.....	.....	.....	.....	.....
5541	22-B	5, 6		Schroon Lake—Ticonderoga, Part 1.....	Schroon.....	5.97	.....	.....	5.97	.....	.....
						Towns.....	99.07	.....	99.07	.....	.....
						Villages.....	.....	1.69	1.69	.....	.....
						Cities.....	.....	.....	.....	.....	.....
						Totals.....	99.07	1.69	100.76	.....	.....

FRANKLIN COUNTY

COUNTY HIGHWAYS.

Petition No.

701 ²	1703, 1711..	Malone—North Bangor.....	{ Malone.....	2.85	.....	.....	.....	.....	.....	.....	.....
			{ Bangor.....	1.16	North Bangor, v	0.50	.....	.....	4.51	.....	.....
702 ²	2006.....	Malone—Fort Covington, Part 2....	Westville.....	6.19	.....	.....	.....	.....	6.19	.....	.....

703	1708-2006..	Malone—Fort Covington, Part 3	{ Westville. Fort Covington.	1.77	.....	.....	4.19	.....
820	1713.....	Hogansburg—Bombay	Bombay	2.42	.....	.....	6.52	.....
884	2001.....	Malone—Fort Covington, Part 1	Malone.	3.56	.....	.....	3.56	.....
885	{ 1701, 2867, 2868..... }	Moirs—Bombay	{ Moira. Bombay	4.31 4.24	.....	.....	8.55	.....
950	V-110.....	Malone Village: Fort Covington St.	Malone.	.....	Malone, v.	0.79	0.79	.....
984	2869.....	North Bangor—South Bangor	Bangor	1.90	North Bangor, v	0.16	2.06	.....
985 } 985A }	2871.....	Tupper Lake—Moody	Altamont.	5.48	.....	.....	5.48	.....
1089	2915, 2940..	Malone—Trout River	{ Malone. Constable	2.65 7.70	Malone, v	0.37	10.72	.....
1090	2870.....	Saranac Lake—Lake Clear Junction, Part 1	Harrietstown	4.35	.....	.....	4.35	.....
1179	2870.....	Saranac Lake—Lake Clear Junction, Part 2	Harrietstown	3.49	.....	.....	3.49	.....
1180	3448.....	St. Lawrence County Line—St. Regis Fall	Waverly	4.09	.....	.....	4.09	.....
1222	3512, V-298.	Saranac Lake Village: Broadway and River Street	Harrietstown	.....	Saranac Lake, v	0.22	0.22	.....
1250	3424.....	Moody—Hamilton County Line	Altamont	5.50	.....	.....	5.50	.....
1251	3455, 3456..	Gabriels—Bloomingtondale, Part 1	{ Brighton. Franklin	2.45 2.46	.....	.....	4.91	.....
1252	3354, 3355..	Santa Clara—Lake Meecham	{ Santa Clara. Duane	9.03 2.38	.....	.....	11.41	.....

¹ Total length 4.92 miles, part in Clinton county.

² Included in State Route No. 30.

³ Original contract 6.22 miles; 6.19 miles constructed.

⁴ 0.92 mile cancelled and re-let as No. 983-A.

⁵ Exclusive of villages.

FRANKLIN COUNTY—Concluded

COUNTY HIGHWAYS

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
1383	2869	Malone—Dickinson, Part 2	Bangor	4.75				4.75
1384	1714, 2869	West Bangor—Reynoldstown	{ Bangor Brandon	{ 0.85 3.19				4.04
1385	2871	Tupper Lake—Saranac Lake, Pt. 1.	Altamont	3.53				3.53
1386	2948	Hunter Home—Clinton Co. Line	Franklin	6.98				6.98
Totals				103.80			73.09 11.41	19.30
Villages						2.04	2.04	
Cities								
Totals				103.80		2.04	75.13 11.41	19.30

STATE HIGHWAYS

Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
5031	30	9	Malone—Moirs, Part 2	Bangor	2.49	North Bangor, v	0.51	3.00	
5076	30	10, 11	Malone—Moirs, Part 3	{ Bangor Moirs	{ 1.61 3.59			5.20	
5284 ¹	30	12	Nicholville—Moirs	Moirs	3.34			3.34	
5468	{ 30 Pet. V-1186	{ 1, 2	Chateaugay—Clinton County Line	Chateaugay	3.65	Chateaugay, v	1.01	4.66	
5552	{ 31 Pet. V-1188	{ 1-2	Malone—Duane, Part 1	Malone	7.99	Malone, v	0.79	8.78	
5602	{ 30 Pet. V-1206	{ 7	Malone Village: Main and Elm Sts.	Malone		Malone, v	1.99	1.99	

5613	30	3-6.....	Malone—Chateaugay.....	<div><div>Malone.....</div><div>Constable.....</div><div>Burke.....</div><div>Chateaugay.....</div></div> <div><div>3.60</div><div>0.47</div><div>5.03</div><div>1.13</div></div> <div>Malone, v.....</div> <div><div>0.13</div><div>.....</div><div>.....</div><div>.....</div></div> <div>.....</div> <div>10.36</div> <div>.....</div>				
SPECIAL HIGHWAYS.								
9007			Duane Center—Mountain Road.....	<div><div>Duane.....</div><div>Brighton.....</div></div> <div><div>9.43</div><div>6.00</div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div>				
			Towns.....	32.90				
			Villages.....					
			Cities.....					
			Towns.....	32.90				

¹ Total length 11.59 miles; part in St. Lawrence county. ² Included in State Route No. 24. ³ Included in State Route No. 37. ⁴ 2.18 miles included in State Route No. 37. Original contract 4.67 miles; 4.63 miles constructed. ⁵ Exclusive of villages.

1376	901, 899....	Bull Run—Bleeker.....	Johnstown.....	2.00	.....	.....	.....	.....	2.80
			Bleeker.....	0.80	.....	.....	.....	.....
1377	3307-3309..	Gloversville—West Perth.....	Johnstown.....	2.04	.....	.....	.....	.....
			Mayfield.....	0.48	.....	.....	.....	3.74	.....
			Perth.....	1.22	.....	.....	.....	.....	.....
			Towns.....	75.57	.....	.....	.....	64.74	8.03
			Villages.....	.....	.....	.....	.....	.....	.....
			Cities.....	.....	.....	.....	2.83	2.83	.....
			Totals.....	75.57	.....	.....	2.83	67.57	8.03
5065	24 9, 10	Northville Village, North.....	Northampton.....	1.33	Northville, v.	1.09	2.42	.....	.....
5096	24 1	Fonda—Johnstown.....	Johnstown.....	0.64	.....	.....	0.64	.....	.....
5194	24 6	Mayfield Village.....	Mayfield.....	.....	Mayfield, v.	1.11	1.11	.....	.....
	24 2, 3	Johnstown City.....	Johnstown, e.	.....	.....	1.54	1.54	.....	.....
5394	Pet. V-1064		Johnstown.....	1.31	.....	.....	.....	.....	.....
5554	37 4-5	School House—Lassellsville, Part 1. {	Euphrata.....	3.27	.....	.....	4.58	.....	.....
5626	37 1	Oppenheim—Dolgeville.....	Oppenheim.....	4.66	Dolgeville.....	0.24	.....	.....	4.90
			Towns.....	11.21	.....	.....	6.55	.....	4.66
			Villages.....	.....	.....	.....	2.44	.....	0.24
			Cities.....	.....	.....	.....	1.54	.....	.....
			Totals.....	11.21	.....	.....	3.98	10.29	4.90
FEDERAL AID HIGHWAYS.			Johnstown.....	1.06	.....	.....	.....	.....	1.06
8006	....	Akin—Johnstown, Part 2.....	Towns.....	1.06	.....	.....	.....	.....	1.06

30.75 mile included in State Route No. 37. * Included in State Route No. 24. * 3.07 miles included in State Route No. 37.
 miles) not on map approved by Legislature. * Part in Montgomery county. Total length 3.07 miles. * Exclusive of villages.

GENESEE COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
586 ¹	811.....	East Pembroke—Batavia.....	{ Batavia.....	5.44	Batavia, c.....	0.11	5.55	.....	.....
863	1779.....	Batavia—Elba.....	{ Batavia..... Elba.....	1.92	Batavia, c.....	0.47	4.07	.....	.....
922	1772.....	Indian Falls—Corfu, Part 2.....	Pembroke.....	1.85	.....	.....	1.85	.....	.....
923	1794.....	Pavilion—Batavia, Part 1.....	Pavilion.....	4.68	.....	.....	4.68	.....	.....
1054 ²	1797.....	Alden—Darien Center.....	Darien.....	3.88	.....	.....	3.88	.....	.....
1097	1780.....	Churchville—Bergen.....	Bergen.....	0.44	.....	.....	0.44	.....	.....
1268	1794.....	Pavilion—Batavia, Part 2.....	{ Bethany..... Stafford.....	4.20	.....	.....	4.49	.....	.....
1339	1782.....	Le Roy—Brockport, Part 2.....	Le Roy.....	0.41	.....	.....	0.41	.....	.....
1402 ³	1773, 1774..	Alabama—Batavia, Part 2.....	{ Oakfield..... Batavia.....	3.07	Oakfield, v.....	1.08	4.99	2.61	.....
1403	1772, 1774..	Alabama—Batavia, Part 1.....	Alabama.....	3.45	.....	.....	.....	7.94	.....
			Towns.....	39.25	.....	.....	29.78	9.47	.....
			Villages.....	.....	.....	1.08	.....	1.08	.....
			Cities.....	.....	.....	0.58	0.58	.....	.....
			Totals.....	39.25	.....	1.66	30.36	10.55	.....

STATE HIGHWAYS.

	Route No.	Sec- tion				
5020	6	9	East Pembroke—Pembroke, Part 1.	Pembroke.	3.46	3.46
5080	6	10, 11	East Pembroke—Pembroke, Part 2.	Pembroke.	4.46	4.46
5136	6	4	Stafford—Le Roy.....	{ Stafford. Le Roy	1.43 1.46	2.89
5145	6	5	Batavia—Stafford, Part 1.....	{ Batavia. Stafford.....	0.85 3.59	4.44
5145-A *	6	5-A	Batavia—Stafford, Part 3.....	{ Batavia.	.... 0.10	0.29
5399	{ 6 Pet. V-1185 }	{ 7 }	Batavia Village.....	Batavia, c.....	1.97	1.97
5463	6	1	Le Roy—Caledonia.....	Le Roy	3.24	3.24
5493	6	6	Batavia—Stafford, Part 2.....	Batavia, c.....	0.27	0.27
5538	16	2	Le Roy—Pavilion, Part 1.....	{ Le Roy	2.04	2.84
5562*	16	1	Le Roy—Pavilion, Part 2.....	{ Pavilion.. Pavilion.....	0.80 4.53	4.53
Towns.....					26.05	26.05
Villages.....					2.34	2.34
Cities.....						
Totals.....					2.34	28.39

! Included in State Route No. 6.

* Original contract forfeited July 10, 1916. Completed by Department Forces.

* Constructed by R. R. Co. To be maintained by the State. Bridge 150 feet long not included in mileage.

Original contract forfeited June 17, 1916. Completed by Department Forces.

† Portion accepted under the Hewitt Act.

• Exclusive of village.

GREENE COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
613 ¹	298, 2398...	Catakill—South Cairo.	Catakill.	5.60	.....	.....	5.60	.....	.....
719	2405.....	Greenville—Coxsackie, Part 2.....	{ New Baltimore. Coxsackie.	0.42 5.14	.....	.....	5.56	.....	.....
796	2405.....	Greenville—Coxsackie, Part 1.....	Greenville.	4.62	.....	.....	4.62	.....	.....
797 ²	2399, 2400..	Hunter—Windham, Part 2.....	Windham.	3.41	.....	.....	3.41	.....	.....
886 ²	2402.....	Lexington—Prattsville, Part 2.....	{ Lexington. Prattsville.	0.12 4.07	.....	.....	4.19	.....	.....
887 ¹	2398.....	South Cairo—Cairo.....	Cairo.	3.15	.....	.....	3.15	.....	.....
954 ¹	2398, 2399..	Cairo Hamlet.....	Cairo.	0.46	.....	.....	0.46	.....	.....
997	2402.....	Hunter—Jewett Center.....	{ Hunter. Jewett.	0.57 5.54	.....	.....	6.11	.....	.....
998	2400, 3064..	Hunter—Windham.....	{ Jewett. Windham.	0.64 4.84	Hunter, v.....	0.13	6.27	.....	.....
1242	2403, 3258..	Hunter—Tannersville.....	Hunter.	0.66 3.28	.....	.....	4.43	.....	.....
1243	3243, 3277..	New Baltimore Station—Coeymans.	New Baltimore.	3.98	.....	.....	3.98	.....	.....
1364	2402.....	Lexington—Prattsville, Part 1.....	Lexington.	6.02	.....	.....	6.02	.....	.....
1365	3276.....	Greenville—Coxsackie, Part 3.....	Coxsackie.	2.39	.....	.....	2.39	.....	.....
				Towns.....	.....	.....	50.93	3.98	.....
				Villages.....	.....	1.28	1.28	.....	.....
				Cities.....	.....	.....	.....	.....	.....
				Totals.....	.....	1.28	52.21	3.98	.....

HAMILTON COUNTY

COUNTY HIGHWAYS.

High- way No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
277 ¹	457	Lake Pleasant—Speculator	Lake Pleasant	3.44	.....	.....	3.44	.....	.....
848 ²	1802, 1803	Long Lake—Grove	Long Lake	3.74	.....	.....	3.74	.....	.....
874	1807	Nobleboro—Morehouseville	Morehouse	5.00	.....	.....	5.00	.....	.....
1025 ³	1809	Piseco—Lake Pleasant	{ Arletta..... Lake Pleasant.....	{ 3.06 4.69	.....	.....	7.75	.....	.....
1088 ⁴	1806	Eagle Bay—Sixth Lake	Inlet.....	4.22	.....	.....	4.22	.....	.....
1099	1816	Tupper Lake—Long Lake, Part 3	Long Lake	5.03	.....	.....	.....	5.03	.....
1100	1815, 2895	Indian Lake—County Line	Indian Lake	4.54	.....	.....	4.54	.....	.....
1258	3273	Tupper Lake—Long Lake, Part 1	Long Lake	5.01	.....	.....	5.01	.....	.....
1458	{ 1807, 1808, 3668	{ Morehouseville—Piseco, Part 1..... Arletta.....	{ Morehouse..... 1.44	{ 5.38 .....	.....	.....	.....	6.83	.....
			Towns.....	45.55	.....	.....	19.93	13.77	11.85
			Villages.....	.....	.....	.....	.....	.....	.....
			Cities.....	.....	.....	.....	.....	.....	.....
			Totals.....	45.55	.....	.....	19.93	13.77	11.85

STATE HIGHWAYS.

Route No.	Sec- tion No.	Name of highway	Town	* Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
5038	1	County Line—Hope Center	Hope	2.99	.....	.....	2.99	.....	.....
5133	2, 3	Hope Center—Wells, Part 1	Hope	5.45	.....	.....	5.45	.....	.....
5189	25	Newcomb—Long Lake, Part 2	Long Lake	8.43	.....	.....	8.43	.....	.....
5268 ⁴	24	Hope Center—Wells, Part 2	{ Hope..... Wells.....	{ 0.42 5.55	.....	.....	5.97	.....	.....

5514	24	5 Wells—Speculator, Part 1.....	Wells.....	6.98	.....	6.98	.....
5523	24	6 Wells—Speculator, Part 2.....	{ Wells.....	3.36	.....	.....	6.74
			{ Pleasant.....	3.38	.....	.....	.....
		Towns.....	.....	36.56	.....	29.82	6.74
		Villages.....	.....	.....	.....	.....	.....
		Cities.....	.....	.....	.....	.....	.....
		Totals.....	.....	36.56	.....	29.82	6.74

HERKIMER COUNTY

COUNTY HIGHWAYS.

	Petition No.						
14*	64-A.....	Utica—Frankfort, Part 3.....	Frankfort.....	1.11	.....	1.11	.....
133	237.....	Little Falls—Dolgeville.....	Manheim.....	2.29	.....	2.29	.....
233	63.....	Frankfort—East Schuyler.....	Schuyler.....	1.63	.....	1.63	.....
359*	64-A.....	Utica—Frankfort, Part 2.....	Frankfort.....	1.89	.....	1.89	.....
360†	779.....	Poland—Cold Brook.....	Russia.....	0.35	.....	0.35	.....
456*	858.....	Little Falls—East Creek.....	Manheim.....	5.24	.....	5.24	.....
457*	857.....	Little Falls—Herkimer.....	{ Little Falls.....	2.36	.....	.....	.....
			{ Herkimer.....	2.80	.....	5.16	.....

* Included in State Route No. 24.

† Included in State Route No. 25. Original Contract 3.76 miles; 3.74 miles constructed.

* Original contract 7.82 miles; 7.75 miles constructed.

* 0.19 mile included in State Route No. 25. Original contract forfeited May 15, 1916.

* 0.23 mile inc. on direct route, due to change after construction.

* Included in State Route No. 6.

† Included in State Route No. 23.

* Included in State Route No. 6. Original contract 5.39 miles; 5.35 miles constructed, of which 0.11 mile was rebuilt under No. 5159.

* Original contract 5.32 miles; 5.27 miles constructed, of which 0.11 mile was discarded to accommodate re-location under No. 5411. All included in State Route No. 6.

* Exclusive of villages.

HERKIMER COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
458	856, 1390...	Herkimer—Frankfort.	{ Herkimer.....	2.98	.....	.....	.....	.....
459	787, 855, 1414	East Schuylar—Deerfield.....	{ Schuylar.....	0.71	.....	.....	3.69	.....
460	835, 836, 1378	Herkimer—Middleville.....	{ Fairfield.....	5.50	.....	.....	5.50	.....
461 ¹	832, 833, 846	Middleville—Poland.....	{ Herkimer.....	0.32	.....	.....	6.18	.....
462 ²	840.....	Old Forge—McKeever.....	{ Newport.....	4.80	.....	.....	.....	.....
463 ¹¹	851.....	Manheim Center—Salisbury Center	{ Fairfield.....	1.06	.....	.....	.....	.....
464	849.....	Salisbury Center—Stratford.....	{ Webb.....	0.87	.....	.....	5.96	.....
465	850, 852.....	Salisbury Center—Burrelle.....	{ Fairfield.....	5.09	.....	.....	9.91	.....
466	850, 317.....	Burrelle—Middleville.....	{ Webb.....	3.42	.....	.....	5.39	.....
467 ³	848, 1033...	Newport—Norway—Cold Brook...	{ Manheim.....	1.97	.....	.....	5.46	.....
468	839, 853, 873	Little Falls—Fairfield.....	{ Salisbury.....	5.46	.....	.....	5.42	.....
469 ⁴	790, 803.....	Ilion—Cedarville.....	{ Salisbury.....	5.42	.....	.....	5.49	.....
470 ⁵	861.....	Mohawk—Jordanville.....	{ Fairfield.....	5.10	Middleville, v..	0.39	.....	.....
471 ⁶	781.....	Richfield Springs—Warren—Springfield	{ Fairfield.....	1.26	Newport, v.....	0.72	6.92	.....
			{ Norway.....	2.60	Cold Brook, v..	0.53	5.55	.....
			{ Russia.....	1.81	.....	.....	.....	.....
			{ Little Falls.....	0.78	.....	.....	.....	.....
			{ Fairfield.....	4.77	.....	.....	.....	.....
			{ German Flats.....	.....	.....	.....	.....	.....
			{ Litchfield.....	.....	.....	.....	.....	.....
			{ German Flats.....	1.63	.....	.....	.....	4.33
			{ Warren.....	2.70	.....	.....	.....	.....
			{ Warren.....	3.56	.....	.....	3.56	.....

472	793, 864....	Columbia—Mohawk.....	{ Columbia.....	3.15	.....	.....	6.15	.....	.....
473 ¹	871.....	Little Falls—Jacksonburg.....	{ German Flats.....	2.91	Mohawk, v.....	0.09	.....	.....	.....
813 ²	867.....	Ilion—Frankfort—Utica.....	{ Little Falls.....	3.03	.....	.....	.....	.....	3.03
830 ³	862.....	.....	.....	.....	.....	.....	.....	.....	.....
831	1034, 2607..	Little Falls—Montgomery County Line.....	Danube.....	5.63	.....	.....	5.63	.....	.....
868	V-18, 851...	Dolgeville Village.....	Manheim.....	.....	Dolgeville, v.....	2.06	2.06	.....	.....
869	V-8, 835....	Middleville Village.....	{ Newport.....	.....	Middleville, v.....	0.59	0.59	.....	.....
870	V-35, V-37..	Herkimer Village: West and East	{ Fairfield.....	.....	Middleville, v.....	0.05	0.05	.....	.....
		German Streets.....	Herkimer.....	.....	Herkimer, v.....	1.96	1.96	.....	.....
871 ¹⁰	863.....	Cedarville—West Winfield.....	Winfield.....	.....	.....	.....	.....	.....	.....
1257	V-320.....	Little Falls City: East Monroe Street	.....	.....	Little Falls, c.....	1.81	1.81	.....	.....
1346	1310.....	Frankfort—Gulph.....	Frankfort.....	5.10	.....	.....	5.10	.....	.....
1362	860, 1306...	Vanhornesville—Starkville.....	Stark.....	5.84	.....	.....	5.84	.....	5.84
1363	1415.....	Paines Hollow—Stone House.....	Little Falls.....	5.67	.....	.....	5.67	.....	5.67
			Towns.....	120.72	.....	.....	96.75	5.10	18.87
			Villages.....	.....	.....	6.39	6.39	.....	.....
			Cities.....	.....	.....	1.81	1.81	.....	.....
			Totals.....	120.72	.....	8.20	104.95	5.10	18.87
			Balance combined with No. 830.						

¹ Included in State Route No. 26.² Included in State Route No. 25. Original plans 10.34 miles. Due to changes in alignment, etc. 9.91 miles were actually built.³ 2.34 miles included in State Route No. 23.⁴ Built as part of State Highway No. 5400 on Route No. 23-A.⁵ 3.13 miles included in State Route No. 5.⁶ 3.80 miles built as No. 5570 and 2.27 mile as No. 5584. Of the remaining mileage, 1.08 miles to Warren and 1.63 miles in German Flats have been⁷ Original plans 4.10 miles. 2.03 miles included in State Route No. 5, of which 1.30 miles were built as part of No. 5524 and 0.70 as No. 5584.⁸ Included in State Route No. 26.⁹ Built as State Highways No. 5209 and No. 5219 on Route No. 6.¹⁰ Original plans, 5.51 miles. 3.67 miles included in State Route No. 6 and built as part of No. 5524. Balance combined with No. 471.¹¹ Original plans, 5.05 miles. 0.93 mile included in State Route No. 23-A and 0.10 mile built as No. 5565. The balance entirely stricken from the approved system.¹² Original contract mileage 5.52; change due to corrected length.¹³ Exclusive of villages.

HERKIMER COUNTY — Concluded

HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles covered by plat	Miles covered by plat
5060 ¹	6	6-8	Herkimer Village: East Albany St.	Herkimer.	.....	Herkimer, v.	0.63	0.63	.....
5064	26	10-12	Middleville Village and Newport Village	Fairfield.	.....	Middleville, v.	0.53	1.56	.....
				Newport.	.....	Newport, v.	1.03	.....	.....
5069	{ 26 23 }	{ 14 1, 3 }	{ Poland Village—Coldbrook Village.	Newport.	.....	Poland, v.	0.54	2.03	.....
				Russia.	.....	Poland, v.	0.69	.....	.....
5105	6	2, 4	Little Falls City	Russia.	.....	Cold Brook, v.	0.80	.....	.....
5159*	6	1	East Creek	Manheim.	.....	Little Falls, c.	1.45	1.45	.....
5161	6	13	Ilion Village	German Flats.	0.17	Ilion, v.	1.51	1.51	.....
5170	{ 6 Pet. V-1007 }	{ 10 }	Mohawk Village	German Flats.	.....	Mohawk, v.	1.35	1.35	.....
5209	6	18	Utica—Frankfort, Part 1	Frankfort.	3.07	.....	.....	3.07	.....
5219	{ 6 Pet. V-1062 }	{ 14, 15 }	Ilion—Frankfort.	Frankfort.	0.99	Frankfort, v.	1.25	2.47	.....
				German Flats.	.....	Ilion, v.	0.23	.....	.....
5243*	25	1	Boonville Town Line—McKeever	Wilmut.	0.44	.....	.....	1.26	.....
				Webb.	0.82	.....	.....	.....	.....
5411	6	5-A	West Creek	Herkimer.	0.05	Herkimer, v.	0.04	0.09	.....
5441	25	3	Old Forge Village	Webb.	.....	Old Forge, v.	1.26	1.26	.....
5465*	{ 23-A 23 }	{ 6 1 }	West Winfield—Bridgewater	Winfield.	0.14	West Winfield, v.	1.03	1.17	.....
5466	23-A	2, 3	Ilion—Cedarville	German Flats.	1.96	Ilion, v.	0.30	7.12	.....
				Litchfield.	4.86	.....	.....	.....	.....
5513	23-A	1	Ilion Village: Otsego Street	German Flats.	.....	Ilion, v.	0.90	0.90	.....
5524	5	1, 2	Jordanville—Richfield Springs	Warren.	5.27	.....	.....	5.27	.....
5559*	26	15-16	Poland—Trenton	Russia.	3.56	Poland, v.	0.74	4.30	.....

5579	5	4, 5	Mohawk—Paines Hollow.....	{ German Flats..... 6.34 Little Falls..... 0.21 Little Falls..... 0.04	..... 6.55	.....
5584	5	3	Paines Hollow—Jordanville.....	{ German Flats..... 1.09 Warren..... 3.05 Litchfield..... 0.09	4.18	.....
5621	23-A	4, 5	Cedarville—West Winfield.....	{ Columbia..... 1.12 Winfield..... 4.36	.....	5.57
5631	5	6	Mohawk Village: Columbia and Hammond Streets.....	German Flats.....	0.71	.....
				Towns..... 37.63	25.51	5.57
				Villages.....	13.54	.....
				Cities.....	1.45	.....
				Totals..... 37.63	40.50	5.57

JEFFERSON COUNTY

COUNTY HIGHWAYS.

	Petition No.		
147	265.....	Burrs Mills.....	{ Watertown..... 2.85 Rutland..... 1.07
181	340.....	Watertown — Sacketts Harbor — Henderson, Part 1.....	Hounsfield..... 6.04
182	342.....	Redwood—Alexandria Bay, Part 1..	Alexandria..... 2.97

1. Original plans 0.77 mile. 0.68 mile constructed. 0.05 mile discarded for re-location under No. 5411.

2. Part in Oneida county. Total length 14.63 miles.

3. 1.24 mile in Oneida county and 1.53 miles in Oswego county. Total length 3.96 miles.

4. Total length 8.89 miles. 4.36 miles in Oneida county.

5. Original plans 0.14 mile. 0.08 mile added by change in alignment.

6. Exclusive of villages.

JEFFERSON COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
183	339	Adams—Henderson, Part 1	Adams	3.02			3.02		
184	344	Pierrepoint Manor—Ellisburg	Ellisburg	2.95			2.95		
185	272	State	Lorraine	1.00			1.00		
186	343	Depot	Lyme	0.99			0.99		
224	339	Adams—Henderson, Part 2	{ Adams Henderson	{ 0.70 6.19			{ 6.89		
235	340	Watertown—Sacketta Harbor—Henderson, Part 2	Hounsfield	2.23			2.23		
236	342	Redwood—Alexandria Bay, Part 2	Alexandria	4.17			4.17		
237	341	Sacketta Harbor	Watertown	1.45			1.45		
238	339, 345	Henderson Harbor	Henderson	5.09			5.09		
423	401	Watertown—Theresa, Part 3	Theresa	4.19			4.19		
424	439	Bellville—Adams, Part 1	{ Ellisburg Adams	{ 1.37 0.23			{ 1.60		
425 ¹	490	Adams—Watertown, Part 2	Adams	3.16			3.16		
426	466	State, Part 2	Lorraine	4.03			4.03		
427 ²	464, 489	Watertown—Carthage, Part 2	{ Rutland Champion	{ 3.05 2.40			{ 5.45		
428 ³	451	Watertown—Carthage, Part 3	Wilna	4.87			4.87		
440 ⁴	440, 441, 442	Philadelphia	Philadelphia	5.39			5.39		
505 ⁵	541	Watertown—Theresa, Part 1	Pamelis	7.34			7.34		
624 ⁶	450	Carthage—Wilna	Wilna	3.09			3.09		
625	782-H, 438	Theresa—Antwerp, Part 2	Antwerp	5.37			5.37		
626	488	Burrs Mills—South Champion	Rutland	4.55			4.55		

814	782.....	Watertown—Theresa, Part 2.....	{ Pamela. Le Ray.....	0.09	.....	5.31	.....
835	{ 467, 3253, 2388.....	{ Adams Center—Tremaines Corners.....	{ Rodman Adams.....	5.22 5.39 1.65	.....	7.04	.....
836 ¹	.....	Watertown—Carthage, Part 1.....	.....	.....	.....	.....	.....
844	V-3, 330.....	Henderson Village.....	Henderson.....	.....	Henderson, v... 1.06	1.06	.....
1129	3013.....	Lewis County Line—So. Champion.....	Champion.....	2.45	.....	2.45	.....
1130	3404, V-243.....	Alexandria Bay: Church Street.....	Alexandria.....	.....	Alexandria Bay 0.36	0.36	.....
1131	3377, V-242.....	Sacketts Harbor.....	Hounsfield.....	.....	Sacketts Harbor 2.46	2.46	.....
1132	1027.....	Ellisburg—Belleville.....	Ellisburg.....	2.29	.....	2.29	.....
1133	782.....	Theresa—Antwerp, Part 1.....	{ Theresa Antwerp.....	1.04 3.49	.....	4.72	.....
1134 ²	V-257, 3274.....	Watertown City: Gifford and State Streets.....	{ Watertown	0.16	Antwerp, v... 0.19	0.19	.....
1148	{ 782, 1029, 3372.....	{ Cape Vincent—Watertown, Part 1.....	{ Cape Vincent Lyme.....	4.86 2.52	Watertown, c... 0.83	0.83	.....
1149	3379.....	Ellisburg—Village.....	Ellisburg.....	.....	Cape Vincent, v. 1.54	1.54	.....
1150	3378, V-249.....	Belleville Village: Main and Wash- ington Streets.....	Ellisburg.....	.....	Ellisburg, v... 1.69	1.69	.....
1151	{ 2387, 2856, 3374.....	{ Theresa—Browns Corners.....	{ Theresa Alexandria.....	3.58 3.38	Belleville, v... 1.13	1.13	.....
1164	{ 1029, 782, V-252.....	{ Cape Vincent—Watertown, Part 2.....	{ Lyme Brownville.....	4.34 3.01	Theresa, v... 1.27	1.27	.....
					Chaumont, v... 1.76	1.76	9.11

¹ Included in State Route No. 30.² 5.00 miles included in State Route No. 27.³ Included in State Route No. 27.⁴ 1.40 miles included in State Route No. 30.⁵ 0.65 mile included in State Route No. 30.⁶ Included in State Route No. 30-A.⁷ Built as State Highway No. 6005 on Route No. 27.⁸ 0.35 mile included in State Route No. 27.⁹ Exclusive of villages.

JEFFERSON COUNTY — Continued

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1165	1153, V-279.	Theresa—Philadelphia, Part 1.....	Theresa	2.26	Theresa, v.....	1.27	3.53	.....	.....
1166	3413, V-253.	Adams Village: South Main Street and Pierpont Manor Hamlet: Ellisburg Street.....	Adams Ellisburg	..... 0.48	Adams, v.....	0.30	0.78	.....	.....
1181	V-259, 3373, 3430.....	Adams Village: Railroad Street.....	Adams	.....	Adams, v.....	0.67	0.67	.....	.....
1182	{ V-309, 3370, 2985, 2982, 2984, V-294..... }	Cape Vincent—Watertown, Part 3..	Brownville. Hounsfield. Watertown.....	1.18 3.84 1.62	Dexter, v.....	0.55	8.36	.....	.....
1197	3444, 3447, V-307....	Carthage—Naumburg, Part 1.....	Wilna	0.75	Carthage, v.....	1.06	1.81	.....	.....
1225	2382.....	Lorraine—Worth, Part 1.....	Lorraine	2.86	.....	.....	2.86	.....	.....
1226	2733, 2853..	Lorraine—Worth, Part 2.....	Worth	2.40	.....	.....	2.40	.....	.....
1227 ¹	3432.....	Redwood—St. Lawrence Co. Line..	Alexandria.....	4.60	.....	.....	4.60	.....	.....
1253	{ 2980, 2978, V-323 }	Chaumont—Depauville.....	Lynne..... Clayton..... Cape Vincent.....	3.23 2.61 8.39	Chaumont, v... Clayton, v.....	0.25 0.71	6.09 ..... .....	..... 14.05	.....
1255	2981, 2979..	Cape Vincent—Clayton.....	Clayton.....	4.95	Clayton, v.....	.....	.....	7.76	.....
1256	3521, 2977..	Gunn Cors.—Fishers Landing, Pt. 1.	Clayton.....	0.42	.....	.....	.....	.....	.....
1397	2977, 3518..	Gunn Cors.—Fishers Landing, Pt. 2.	Orleans.....	7.34	.....	.....	.....	.....	6.65
1484	V-30.....	Philadelphia Vill.: North & South Main Streets.....	Philadelphia.....	6.65	Philadelphia, v.	0.66	0.66	.....	.....

STATE HIGHWAYS.						
Route No.	Section					
5005 ²	27	5, 7	Black River—Watertown.....	Le Ray.....	159.06	25.10
				Pamelia.....	16.91	1.37
				Rutland.....	2.00	.....
5119	30	11	Adams—Watertown, Part 3.....	Black River, v.....	.....	.....
5140	27	10, 11	Watertown—Clayton, Part 1.....	Watertown, s.....	18.93	22.47
5152	27	4-C	Felts Mills.....	.....	176.62	.....
5175	27	6	Black River.....	Pamelia.....	.....	6.65
5266	27	13	Watertown—Clayton, Part 3.....	Rutland.....	.....	.....
6287	27	12	Watertown—Clayton, Part 2.....	Rutland.....	.....	.....
				Le Ray.....	0.05	.....
5268	30	13, 14	County Line—Adams Center.....	Clayton.....	6.20	7.31
5269-A ³	Pet. V-1188		County Line—Adams Center.....	Pamelia.....	0.20	8.41
5269-B ³			County Line—Adams Center.....	Brownville.....	3.16	.....
				Clayton.....	5.05	.....
				Ellisburg.....	8.29	1.09
				Adams.....	3.17	0.87
				Adams, v.....	0.16	0.16
				Ellisburg.....	0.49	.....
5304	{ 27 14		Clayton—Alexandria Bay.....	Clayton, v.....	0.68	.....
	Pet. V-1063			Orleans.....	2.94	11.33
				Alexandria.....	3.98	0.59
				Alexand. Bay, v.....	.....	.....
Towns.....					186.81	.....
Villages.....					.....	.....
Cities.....					.....	.....
Totals.....					186.81	6.65

¹ Original contract forfeited September 27, 1916.² Original contract 4.84 miles; 4.77 miles constructed, of which 0.02 mile in Le Ray and 0.07 mile in Rutland was discarded or reconstructed under No. 5175.³ A portion of No. 5269 omitted from original contract.⁴ Exclusive of villages.

JEFFERSON COUNTY — Concluded

STATE HIGHWAYS.

High- way No.	Route No.	Sec- tion	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
5304-A ¹	27	17	Clayton—Alexandria Bay	Clayton	.....	Clayton, v.....	0.15	0.15	.....	.....
5332	27	1	Lowville—Carthage	Champion	.....	West Carthage.	1.12	1.12	.....	.....
5332-A {	Pet. V-1200									
	27	2, 4								
5344	30-A	1	Carthage Village: State and School Streets and West End Avenue.	Wilna	.....	Carthage, v.....	1.97	1.97	.....	.....
5402	Pet. V-1121									
	30-A	1-A		Wilna	.....	Carthage, v.....	0.35	.....	.....	0.35
5403	27	3	Carthage Village: State Street.	Wilna	.....				
	27	13-A								
	Pet. V-1181		Clayton Village	Clayton	.....	Clayton, v.....	1.17	1.17	.....	.....
5426	30	10	Adams—Watertown, Part 4	Watertown	.....			1.81	.....	.....
5427	30	1	Antwerp—County Line	Antwerp	.....	Antwerp, v.....	0.41	5.76	.....	.....
5530	27	8	Watertown City: Eastern Boulevard	Watertown	.....	Watertown, c..	0.95	0.95	.....	.....
5548	{ 30, 2, 3		Philadelphia—Antwerp	Philadelphia	.....	Philadelphia, v.	1.25	7 27	.....	.....
	30-A	7		Antwerp	.....	Antwerp, v.....	1.09	.....	.....	.....
5617	30	4	Watertown—Philadelphia, Part 2...	Le Ray	.....			.....	5.03	.....
				Philadelphia	.....					.....
5618	{ 30-A	6	Carthage—Antwerp, Part 4	Wilna	.....			.....	4.05	.....
	Pet. V-1222			Antwerp	.....	Antwerp, v.....	0.46	.....	.....	.....
				Towns	.....			60.27	8.62	.....
				Villages	.....		13.91	12.94	0.46	0.51
				Cities	.....		1.81	1.81	.....	.....
				Totals	.....		15.72	75.02	9.08	0.51

LEWIS COUNTY

COUNTY HIGHWAYS.

	Petition No.								
847 ²	547, 816.....	Copenhagen—Lowville, Part 2.....	Lowville.....	5.40	.....	.....	5.40	.....	.....
937	V-10, 2641..	Copenhagen—(Denmark).....	Denmark.....	2.70	.....	.....	3.82	.....	.....
1020	816.....	Copenhagen—Lowville, Part 1.....	{ Harrisburg.....	4.42	.....	.....	4.61	.....	.....
1092	V-219.....	Lowville Village.....	Lowville.....	0.19	.....	.....	.....	.....	.....
1191	3070.....	Carthage—Naumburg, Part 2.....	Croghan.....	6.36	.....	.....	0.51	.....	.....
1192	3070, 816...	Naumburg—Croghan.....	{ Croghan.....	3.96	.....	.....	6.36	.....	.....
			{ New Bremen.....	1.75	.....	.....	5.71	.....	.....
1193	816, 3420...	Lowville—Croghan.....	Lowville.....	2.37	.....	.....	.....	.....	.....
1299	3192.....	Constableville—Lyons Falls, P. rt 2.	{ New Bremen.....	6.34	.....	.....	9.17	.....	.....
1300	547.....	Barnes Corners—West Lowville, Part 2.....	{ West Turin.....	2.00	.....	.....	2.00	.....	.....
			{ Harrisburg.....	6.65	.....	.....	.....	8.82	.....
1301	V-328, 3525.	Lowville Village: Shady Avenue and East State Street.....	Lowville.....	2.17	.....	.....	.....	.....	.....
1442	{ 816, 3212 } 3213.....	{ Barnes Corners—Copenhagen, Part 2..	{ Pinckney.....	2.49	.....	.....	.....	4.74	.....
1490	2389, 547...	Barnes Corners—W. Lowville, Part 1..	{ Denmark.....	1.71	.....	.....	0.46	.....	.....
			Pinckney.....	5.37	.....	.....	5.37	.....	.....
		Towns.....	Towns.....	53.96	.....	.....	40.86	8.82	4.28
		Villages.....	Villages.....	.....	.....	.....	3.82	3.36	0.46
		Cities.....	Cities.....	.....	.....	.....	.....	.....	.....
		Totals.....	Totals.....	53.96	.....	.....	3.82	44.22	8.82

¹ A portion of No. 5304 cancelled for grade crossing elimination and later built by Department forces.

² Total length 14.35 miles. Part in Lewis county. 0.76 mile of original contract in Jefferson county cancelled and re-let as No. 5332-A.

³ Original contract 5.74 miles. 5.42 miles constructed of which 0.02 mile was rebuilt as No. 1020.

* Exclusive of villages.

HERKIMER COUNTY — Concluded

STATE HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5060 ¹	6	G-8	Herkimer Village: East Albany St.	Herkimer	.....	Herkimer, v.	0.63	0.63	.....	.....
5064	26	10-12	Middleville Village and Newport Village	Fairfield	.....	Middleville, v.	0.53	.....	.....	.....
				Newport	.....	Newport, v.	1.03	1.56	.....	.....
5069	{ 26 23 }	{ 14 1, 3 }	{ Poland Village—Coldbrook Village. Poland Village—Coldbrook Village.	Newport.	.....	Poland, v.	0.54	.....	.....	.....
				Russia.	.....	Poland, v.	0.69	2.03	.....	.....
5105	6	2, 4	Little Falls City	Russia.	.....	Cold Brook, v.	0.80	1.45	.....	.....
5159 ²	6	1	East Creek	Manheim.	.....	Little Falls, c.	1.45	0.17	.....	.....
5161	6	13	Ilion Village	German Flats	0.17	Ilion, v.	1.51	1.51	.....	.....
5170	{ 6 Pet. V-1007 }	{ 10 1007 }	Mohawk Village	German Flats	.....	Mohawk, v.	1.35	1.35	.....	.....
5209	6	18	Utica—Frankfort, Part 1.	Frankfort	3.07	.....	.....	3.07	.....	.....
5219	{ 6 Pet. V-1062 }	{ 14, 15 1062 }	{ Ilion—Frankfort. Ilion—Frankfort.	Frankfort.	0.99	Frankfort, v.	1.25	2.47	.....	.....
				German Flats	.....	Ilion, v.	0.23	.....	.....	.....
5243 ²	25	1	Boonville Town Line—McKeever	Wilmurt.	0.44	.....	.....	1.26	.....	.....
				Webb.	0.82	.....	.....	.....	.....	.....
5411	6	5-A	West Creek	Herkimer	0.05	Herkimer, v.	0.04	0.09	.....	.....
5441	25	3	Old Forge Village	Webb.	.....	Old Forge, v.	1.26	1.26	.....	.....
5465 ²	{ 23-A 23 }	{ 6 1 }	{ West Winfield—Bridgewater. West Winfield—Bridgewater.	Winfield	0.14	West Winfield, v.	1.03	1.17	.....	.....
5466	23-A	2, 3	Ilion—Cedarville	German Flats	1.96	Ilion, v.	0.30	7.12	.....	.....
				Litchfield	4.86	.....	.....	.....	.....	.....
5513	23-A	1	Ilion Village: Otsego Street	German Flats	.....	Ilion, v.	0.90	0.90	.....	.....
5524	5	1, 2	Jordanville—Richfield Springs	Warren	5.27	.....	.....	5.27	.....	.....
5559 ⁴	26	15-16	Poland—Trenton	Russia	3.56	Poland, v.	0.74	4.30	.....	.....

5570	5	4, 5	Mohawk—Paines Hollow.....	{ German Flats.....	6.34	.....	.....	6.55	.....
				{ Little Falls.....	0.21	.....	.....	.....	.....
5584	5	3	Paines Hollow—Jordanville.....	{ Little Falls.....	0.04	.....	.....	4.18	.....
				{ German Flats.....	1.09	.....	.....	.....	.....
				{ Warren.....	3.05	.....	.....	.....	.....
5621	23-A	4, 5	Cedarville—West Winfield.....	{ Litchfield.....	0.09	.....	.....	.....	5.57
				{ Columbia.....	1.12	.....	.....	.....	.....
				{ Winfield.....	4.36	.....	.....	.....	.....
5631	5	6	Mohawk Village: Columbia and Hammond Streets.....	German Flats.....	.....	Mohawk, v.	0.71	0.71	.....
				Towns.....	37.63	.....	.....	25.51	6.55
				Villages.....	.....	.....	13.54	13.54	.....
				Cities.....	.....	.....	1.45	1.45	.....
				Totals.....	37.63	.....	14.99	40.50	5.57

JEFFERSON COUNTY

COUNTY HIGHWAYS.

	Petition No.								
147	265.....	Burrs Mills.....	{ Watertown.....	2.85	.....	.....	.....	.....	.....
181	340.....	Watertown — Sacketts Harbor — Henderson, Part 1.....	{ Rutland.....	1.07	.....	.....	.....	3.92	.....
182	342.....	Redwood—Alexandria Bay, Part 1..	Hounsfield.....	6.04	.....	.....	.....	6.04	.....
			Alexandria.....	2.97	.....	.....	.....	2.97	.....

1. Original plans 0.77 mile. 0.68 mile constructed. 0.09 mile discarded for re-location under No. 5411.

2. Part in Onondaga county. Total length 18.03 miles.

3. Total length 8.89 miles. 4.50 miles in Onondaga county. Total length 3.96 miles.

4. Total length 8.89 miles. 4.50 miles in Onondaga county.

5. Original plans 0.14 mile. 0.03 mile added by change in alignment.

6. Exclusive of villages.

JEFFERSON COUNTY — Continued

COUNTY HIGHWAYS.

High- way No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles under con- struc- tion	Miles ap- proved and awaiting contract
183	339	Adams—Henderson, Part 1	Adams	3.02	.....	.....	3.02	.....
184	344	Pierrepoint Manor—Ellisburg	Ellisburg	2.95	.....	.....	2.95	.....
185	272	State	Lorraine	1.00	.....	.....	1.00	.....
186	343	Depot	Lyme	0.99	.....	.....	0.99	.....
234	339	Adams—Henderson, Part 2	{ Adams Henderson	{ 0.70 6.19	{	{	{ 6.89	{
235	340	Watertown—Sacketts Harbor— Henderson, Part 2	Hounsfield	2.23	.....	.....	2.23	.....
236	342	Redwood—Alexandria Bay, Part 2	Alexandria	4.17	.....	.....	4.17	.....
237	341	Sacketts Harbor	Watertown	1.45	.....	.....	1.45	.....
238	339, 345	Henderson Harbor	Henderson	5.09	.....	.....	5.09	.....
423	401	Watertown—Theresa, Part 3	Theresa	4.19	.....	.....	4.19	.....
424	439	Belleville—Adams, Part 1	{ Ellisburg Adams	{ 1.37 0.23	{	{	{ 1.60	{
425 ¹	490	Adams—Watertown, Part 2	Adams	3.16	.....	.....	3.16	.....
426	466	State, Part 2	Lorraine	4.03	.....	.....	4.03	.....
427 ²	464, 489	Watertown—Carthage, Part 2	{ Rutland Champion	{ 3.05 2.40	{	{	{ 5.45	{
428 ³	451	Watertown—Carthage, Part 3	Wilna	4.87	.....	.....	4.87	.....
440 ⁴	440, 441, 442	Philadelphia	Philadelphia	5.39	.....	.....	5.39	.....
565 ⁵	541	Watertown—Theresa, Part 1	Pamelia	7.34	.....	.....	7.34	.....
624 ⁶	450	Carthage—Wilna	Wilna	3.09	.....	.....	3.09	.....
625	782-H, 438	Theresa—Antwerp, Part 2	Antwerp	5.37	.....	.....	5.37	.....
626	488	Burrs Mills—South Champion	Rutland	4.55	.....	.....	4.55	.....

814	782.....	Watertown—Theresa, Part 2.....	{ Pamela. Le Ray.	0.09	.....	.....	5.31	.....
835	{ 467, 3253, 2388.....	Adams Center—Tremaines Corners.	{ Rodman. Adams.	5.39	.....	.....	7.04	.....
836 ⁷	.....	Watertown—Carthage, Part 1.....	.....	1.65	.....	.....	.....	.....
844	V-3, 339.....	Henderson Village.....	Henderson.	.....	Henderson, v...	1.06	1.06	.....
1129	3013.....	Lewis County Line—So. Champion.	Champion.	2.45	.....	.....	2.45	.....
1130	3404, V-243.	Alexandria Bay: Church Street.....	Alexandria.	.....	Alexandria Bay	0.36	0.36	.....
1131	3377, V-242.	Sacketts Harbor.....	Hounsfield.	.....	Sacketts Harbor	2.46	2.46	.....
1132	1027.....	Ellisburg—Belleville.....	Ellisburg.	2.29	.....	.....	2.29	.....
1133	782.....	Theresa—Antwerp, Part 1.....	{ Theresa. Antwerp.	1.04	.....	.....	4.72	.....
1134 ⁸	V-257, 3274.	Watertown City: Gifford and State Streets.....	{ Watertown.	0.16	.....	Antwerp, v...	0.19	.....
1148	{ 782, 1020, 3372.....	Cape Vincent—Watertown, Part 1.....	{ Cape Vincent. Lyme.	4.86	.....	Watertown, c...	0.83	.....
1149	3379.....	Ellisburg—Village.....	Ellisburg.	2.52	.....	Cape Vincent, v.	1.54	.....
1150	3378, V-249.	Belleville Village: Main and Wash- ington Streets.....	.....	.....	Ellisburg, v...	1.69	1.69	.....
1151	{ 2387, 2856, 3374.....	Theresa—Browns Corners.....	{ Ellisburg. Theresa.	.....	Belleville, v...	1.13	1.13	.....
1164	{ 1029, 782, V-252.....	Cape Vincent—Watertown, Part 2.....	{ Alexandria. Lyme.	3.58	.....	Theresa, v...	1.27	.....
	.....	.....	{ Brownville.	3.38	.....	.....	.....	.....
	.....	.....	.....	4.34	.....	Chaumont, v...	1.76	.....
	.....	.....	.....	3.01	.....	.....	9.11	.....

¹ Included in State Route No. 30.

² 5.00 miles included in State Route No. 27.

³ Included in State Route No. 27.

⁴ 1.40 miles included in State Route No. 30.

⁵ 0.65 mile included in State Route No. 30.

⁶ Included in State Route No. 30-A.

⁷ Built as State Highway No. 6905 on Route No. 27.

⁸ 0.35 mile included in State Route No. 27.

• Exclusive of villages

JEFFERSON COUNTY — Continued

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1165	1153, V-279.	Theresa—Philadelphia, Part 1.	Theresa.	2.26	Theresa, v.	1.27	3.53	.....	.....
1166	3413, V-253.	{ Adams Village: South Main Street and Pierpont Manor Hamlet: Ellisburg Street.....	{ Adams. Ellisburg.....	0.48	Adams, v.	0.30	0.78	.....	.....
1181	V-259, 3373, 3430.....	Adams Village: Railroad Street.....	Adams.	.....	Adams, v.	0.67	0.67	.....	.....
1182	{ V-309, 3370, 2985, 2982, 2984, V- 294.....	{ Brownville. Hounsfield. Watertown.....	{ Brownville. Hounsfield. Watertown.....	{ 1.18 3.84 1.62	{ Dexter, v. Watertown, v.	{ 0.55 1.17	8.36	.....	.....
1197	3444, 3447, V-307....	Carthage—Naumburg, Part 1.....	Wilna	0.75	Carthage, v.	1.06	1.81	.....	.....
1225	2382.....	Lorraine—Worth, Part 1.....	Lorraine	2.86	.....	.....	2.86	.....	.....
1228	2733, 2853..	Lorraine—Worth, Part 2.....	Worth	2.40	.....	.....	2.40	.....	.....
1227 ¹	3432.....	Redwood—St. Lawrence Co. Line..	Alexandria.	4.60	.....	.....	4.60	.....	.....
1253	{ 2980, 2978, V-323	{ Chaumont—Depauville.....	{ Lyme. Clayton.....	{ 3.23 2.61	{ Chaumont, v.	{ 0.26	6.09	.....	.....
1255	2981, 2979..	Cape Vincent—Clayton.....	Cape Vincent.	8.39	.....	.....	14.05	.....	.....
1256	3521, 2977..	Gunn Cors.—Fishers Landing, Pt. 1.	Clayton.	0.42	Clayton, v.	0.71	.....	7.76	.....
1397	2977, 3518..	Gunn Cors.—Fishers Landing, Pt. 2.	Orleans.	7.34	.....	.....	.....	.....	6.65
1484	V-30.....	Philadelphia Vill.: North & South Main Streets.....	Philadelphia.	6.65	Philadelphia, v.	0.66	0.66	.....	.....

Towns.....	186.81	.....	.....	159.06	25.10	6.65
Villages.....	.....	.....	16.91	15.66	1.37	.....
Cities.....	.....	.....	2.00	2.00	.....	.....
Totals.....	186.81	.....	18.93	176.62	22.47	6.65

STATE HIGHWAYS.

Route No.	Section					
5005 ¹	27	5, 7	Black River—Watertown.....	{ Le Ray..... 2.82	.....	.....
				{ Pamela..... 0.77	.....	4.68
				{ Rutland.....	Black River, v. 1.09	.....
5119	30	11	Adams—Watertown, Part 3.....	{ Watertown..... 3.25	.....	3.25
5140	27	10, 11	Watertown—Clayton, Part 1.....	{ Pamela.....	Watertown, o. 0.86	.....
5152	27	4-C	Felts Mills.....	{ Rutland..... 4.39	.....	5.25
				{ Rutland..... 0.28	.....	0.28
5175	27	6	Black River.....	{ Rutland.....	Black River, v. 0.35	.....
5266	27	13	Watertown—Clayton, Part 3.....	{ Le Ray..... 0.05	.....	0.40
				{ Clayton..... 6.20	Clayton, v. 1.11	7.31
5267	27	12	Watertown—Clayton, Part 2.....	{ Pamela..... 0.20	.....	.....
				{ Brownville..... 3.16	.....	8.41
				{ Clayton..... 5.05	.....	.....
5269	30	13, 14	County Line—Adams Center.....	{ Ellisburg..... 8.29	Manassville, v. 1.09	13.42
5269-A ²	Pet. V-1188		County Line—Adams Center.....	{ Adams..... 3.17	Adams, v. 0.87	.....
5269-B ³			County Line—Adams Center.....	{ Adams.....	Adams, v. 0.16	0.16
				{ Ellisburg..... 0.49	.....	0.49
5304	{ 27 14		Clayton—Alexandria Bay.....	{ Clayton..... 3.14	Clayton, v. 0.68	.....
	{ Pet. V-1083			{ Orleans..... 2.94	.....	11.33
				{ Alexandria..... 3.98	Alexand. Bay, v. 0.59	.....

¹ Original contract forfeited September 27, 1916.² Original contract 4.84 miles; 4.77 miles constructed, of which 0.02 mile in Le Ray and 0.07 mile in Rutland was discarded or reconstructed under No. 5175.³ A portion of No. 5269 omitted from original contract.⁴ Exclusive of villages.

LEWIS COUNTY

COUNTY HIGHWAYS.

	Petition No.								
847 ²	547, 816.....	Copenhagen—Lowville, Part 2.....	Lowville.....	5.40	.....	.....	5.40	.....	.....
937	V-10, 2641..	Copenhagen—(Denmark).....	Denmark.....	2.70	.....	1.12	3.82	.....	.....
1020	816.....	Copenhagen—Lowville, Part 1.....	{ Harrisburg Lowville.....	4.42 0.19	.....	.....	4.61	.....	.....
1092	V-219.....	Lowville Village.....	Lowville.....	.....	.....	0.51	0.51	.....	.....
1191	3070.....	Carthage—Naumburg, Part 2.....	Croghan.....	6.36	.....	.....	6.36	.....	.....
1192	3070, 816...	Naumburg—Croghan.....	{ Croghan New Bremen.....	3.96 1.75	.....	.....	5.71	.....	.....
1193	816, 3420...	Lowville—Croghan.....	Lowville.....	2.37	.....	.....	9.17	.....	.....
1299	3192.....	Constableville—Lyons Falls, P. rt 2.	{ New Bremen West Turin.....	6.84 2.00	.....	0.46	2.00	.....	.....
1300	547.....	Barnes Corners—West Lowville, Part 2.....	{ Harrisburg Lowville.....	6.65 2.17	.....	.....	8.82	.....	.....
1301	V-328, 3525.	Lowville Village: Shady Avenue and East State Street.....	Lowville.....	.....	.....	1.27	1.27	.....	.....
1443	{ 816, 3212 3213.....	{ Barnes Cora.—Copenhagen, Part 2.. Denmark.....	{ Pinckney Harrisburg Denmark.....	2.49 0.08 1.71	.....	.....	4.74	.....	.....
1490	2389, 547...	Barnes Cora.—W. Lowville, Part 1..	Pinckney.....	5.37	.....	.....	5.37	.....	.....
		Towns.....	Towns.....	53.96	.....	.....	40.86	8.82	4.28
		Villages.....	Villages.....	.....	.....	3.82	3.36	.....	0.46
		Cities.....	Cities.....	.....	.....	.....	.....	.....	.....
		Totals.....	Totals.....	53.96	.....	3.82	44.22	8.82	4.74

¹ A portion of No. 5304 cancelled for grade crossing elimination and later built by Department forces.

² Total length 14.35 miles. Part in Lewis county. 0.76 mile of original contract in Jefferson county cancelled and re-let as No. 5332-A.

³ Original contract 5.74 miles. 5.42 miles constructed of which 0.02 mile was rebuilt as No. 1020.

* Exclusive of villages.

LEWIS COUNTY — Concluded

STATE HIGHWAYS.			Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles under con- struc- tion	Miles ap- proved and awaiting contract
High- way No.	Route No.	Sec- tion							
5036	27	7	Lowville—Martinsburg.....	{ Lowville..... Martinsburg.....	0.57 2.04	.....	.....	2.61	.....
5077	27	6	Martinsburg—Turin.....	Martinsburg.....	3.08	.....	.....	3.08	.....
5309	{ 27 Pet. V-1092 }	{ 8 8 }	Lowville Village.....	Lowville.....	.....	Lowville, v.....	1.31	1.31	.....
5327	27	1-5	Onesida County Line—Turin.....	{ Leyden..... West Turin..... Turin.....	5.67 3.10 4.92	.....	.....	14.77	.....
5332 } 5332-B }	27	9, 10	Lowville—Carthage.....	{ Lowville..... Denmark.....	5.53 7.70	.....	.....	13.23	.....
					Towns.....	.....	.....	32.61	.....
					Villages.....	.....	2.39	2.39	.....
					Cities.....	.....	.....	.....	.....
					Towns.....	.....	2.39	35.00	.....

LIVINGSTON COUNTY

COUNTY HIGHWAYS.

	Petition No.								
482	122.....	Dausville—Mount Morris, Part 3...	Mount Morris.....	2.23	.....	.....	.....	2.23	.....
622*	123.....	Mount Morris—Geneseo.....	Mount Morris.....	1.39	.....	.....	.....	5.17	.....
			Groveland.....	1.27	.....			
623	124.....	Geneseo—Avon.....	Geneseo.....	2.51	.....	.....	.....	6.97	.....
			Geneseo.....	3.72	.....			
714	122.....	Dausville—Mount Morris, Part 1...	Avon.....	3.25	.....	.....	.....	5.37	.....
			North Dausville.....	0.72	.....			
			West Sparta.....	4.65	.....			

715	122.....	Danville—Mount Morris, Part 2..	{ West Sparta.....	2.89	.....	.....	4.54	.....
716	1616.....	Livonia—Lakeville.....	{ Groveland.....	1.65	.....	.....	2.22	.....
717	{ 1168, 1608, 2372, 2373 }	Livonia—Ontario County Line....	{ Livonia.....	2.22	.....	.....	5.83	.....
718	1249, 1607..	Geneseo—Piffard.....	{ Livonia.....	5.83	.....	.....	2.12	.....
828	1614.....	Kuder's Cor's—Springwater Town L.	{ York.....	2.12	.....	.....	7.17	.....
829	V-272, 2374.	Livonia—Conesus Town Line.....	{ Conesus.....	7.17	.....	.....	4.17	.....
855*	V-60.....	Mount Morris Village.....	{ Mount Morris.....	3.63	.....	.....	0.54	.....
856	V-29, 2645..	Geneseo Village.....	{ Geneseo.....	.....	.....	.....	0.47	.....
867	V-42.....	Danville Village.....	{ North Danville.....	.....	.....	.....	1.32	.....
1010	V-103.....	Livonia Village.....	{ Livonia.....	.....	.....	.....	1.09	.....
1030	V-140, 3036.	Avon Village.....	{ Avon.....	.....	.....	.....	0.98	.....
1247	1609, 2552..	Moscow—Geneseo.....	{ Leicester.....	2.63	.....	.....	1.25	.....
1248	2551, V-49..	Perry Center—Moscow, Part 2....	{ Geneseo.....	0.88	.....	.....	3.51	.....
1249	3154.....	West Rush—East Avon.....	{ Leicester.....	3.22	.....	.....	0.74	.....
1318	3349.....	W. Bloomfield—Honeoye Falls, P't 2	{ Avon.....	2.18	.....	.....	3.96	.....
1321 ⁴	1610.....	Conesus—Wayland.....	{ Lima.....	0.24	.....	.....	2.18	.....
1350	{ 2370, 3860, 3864	Nunda—Dalton.....	{ Springwater.....	8.34	.....	.....	0.24	.....
1351	311.....	Groveland—West Sparta.....	{ Nunda.....	3.03	.....	.....	8.34	.....
1459	3592, 3731..	Wayland—Dausville, Part 2.....	{ Groveland.....	1.11	.....	.....	3.42	.....
			{ West Sparta.....	0.94	.....	.....	2.05	.....
			{ North Danville.....	1.29	.....	.....	1.47	.....
			{ Towns.....	69.11	.....	.....	58.72	10.39
			{ Villages.....	.....	.....	.....	6.96	.....
			{ Cities.....	.....	.....	.....	.....	.....
			{ Totals.....	69.11	.....	.....	65.68	10.39

¹ Total length 14.35 miles. Part in Jefferson county. Original plans 13.21 miles in Lewis county. 1.76 miles in Lowville and 5.10 miles in Denmark cancelled and re-let as No. 5332-B.

² 1.68 miles included in State Route No. 15.

³ Included in State Route No. 15.

⁴ Original contract forfeited August 2, 1916.

* Exclusive of villages.

LIVINGSTON COUNTY — Concluded

STATE HIGHWAYS.	Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
		6	7	Leroy—Caledonia—Mumford.....	Caledonia.....	1.91	Caledonia, v....	2.08	3.99	.....	.....
5021	16	1	1								
5142	6	1	1	Lima—East Bloomfield, Part 1.....	Lima.....	2.91	Lima, v.....	1.14	4.05	.....	.....
5270	43	1	1	Portage—Mount Morris, Part 3....	Mount Morris.....	6.15	Mt. Morris, v..	0.77	6.92	.....	.....
		43	2								
5271				Portage—Mount Morris, Part 2....	Portage.....	0.77	.....	.....	5.50	.....	.....
					Nunda.....	2.05	Nunda, v.....	0.77			
5272 ¹					Mount Morris.....	1.91	.....	.....	
5273	43	3	3	Portage—Mount Morris, Part 1....	Portage.....	4.26	.....	.....	4.26	.....	.....
		6	3	Caledonia—Avon.....	Caledonia.....	5.80	Caledonia, v...	0.48	6.28	.....	.....
5302	6	2	2	Avon—Lima.....	Avon.....	3.75	Avon, v.....	1.54	6.40	.....	.....
		15	1		Lima.....	1.11	.....	.....	
5398				County Line—Dansville.....	North Dansville...	0.82	Dansville, v....	3.58	4.40	.....	.....
5593	15	12, 13	13	Caledonia—Mount Morris, Part 1...	Caledonia.....	3.63	Caledonia, v...	0.42	.....	7.69	.....
					York.....	3.64	.....	.....	
				Towns.....		38.71	.....	.....	31.02	7.69	.....
				Villages.....		.....	.....	10.78	10.78	.....	.....
				Cities.....		.....	.....	.....	.....	.....	.....
				Totals.....		38.71	.....	10.78	41.80	7.69	.....
				Groveland.....		1.18	.....	.....	1.18	.....	.....
				Towns.....		1.18	.....	.....	1.18	.....	.....
SPECIAL HIGHWAYS.											
9100	.....	.....	.....	Craig Colony Road.....	Groveland.....	.....	.....	.....	.....	.....	.....

COUNTY HIGHWAYS.
Petition No.

MADISON COUNTY

327	510	Syracuse Turnpike.	Casnovia.	1.58	.....	1.58	.....
330	509	Georgetown.	Georgetown.	3.28	.....	3.28	.....
546	744	Chittenango—Eagle Village.	Sullivan.	2.18	.....	2.18	.....
726*	{ 1317, 1365, 1384. }	Chittenango—Oneida, Part 2.	{ Lenox. Oneida, c. }	5.18 1.68	Wampsville, v. Oneida, c.	0.68 1.68	7.54
727*	1358, 1316.	Chittenango—Oneida, Part 1.	Chittenango.	.....	.....	.....	.....
811	2588.	Georgetown—Otselic.	Georgetown.	2.38	.....	2.38	.....
812	765.	Canastota—South Bay.	Lenox.	4.80	.....	4.80	.....
833	2593.	De Ruyter—Otselic, Part 1.	De Ruyter.	2.14	.....	2.14	.....
908	V-61.	Canastota Village.	Lenox.	.....	Canastota, v.	2.06	2.06
955	V-134.	Chittenango Vil.: Seneca Turnpike.	Sullivan.	.....	Chittenango, v.	0.42	0.42
962	2580.	Bridgeport—Lakeport.	Sullivan.	5.09	.....	5.09	.....
1022	2580.	Lakeport—Oneida Lake.	Sullivan.	3.18	.....	3.18	.....
1110	2586.	Oneida—South Bay, Part 1.	Oneida.	3.05	.....	3.05	.....
1160	2587, 2855.	Oneida—Munnsville, Part 1.	{ Oneida, c. (low tax) Stockbridge.	3.32 1.63	.....	.....	4.95
1216	3215, V-246.	Chittenango—Lakeport, Part 1.	Sullivan.	1.70	Chittenango, v.	0.16	1.86
1217	2855, 766.	Oneida—Munnsville, Part 2.	Stockbridge.	2.25	Munnsville, v.	0.93	3.18
1326	V-314, 3473.	DeRuyter Village: Albany Street.	DeRuyter.	.....	DeRuyter, v.	0.18	0.18
1360	2855, 2854.	Munnsville—Pratts Hollow—Pine Woods.	{ Stockbridge. Eaton.	2.90 3.61	Munnsville, v.	0.03	..... 6.54
1361	2817.	Oneida Lake—South Bay and Oneida—South Bay, Part 2.	Lenox.	5.65	.....	.....	5.65
1374	V-337.	Oneida City: William Street.	Oneida, c.	0.91	.....	0.91	.....
		Towns.	.....	53.92	.....	41.76	12.16
		Villages.	.....	.....	.....	4.46	0.03
		Cities.	.....	.....	.....	2.59	2.59
		Totals.	.....	53.92	.....	7.05	48.78 12.19

* Original mileage 4.20. 4.26 miles constructed.

* 5.84 miles included in State Route No. 6.

* Built as State Highways No. 8014 and No. 5120 on Route No. 6.

* Exclusive of villages.

MADISON COUNTY — Concluded

STATE HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5014	6	4	Chittenango—Oneida, Part 1.....	Sullivan.....	3.19	.....	.....	3.19	.....	.....
5078	6	1	Wampsville—Oneida Castle.....	Oneida, c. (low tax).....	2.56	.....	.....	2.56	.....	.....
5120	{ 6 5 Pet V-1013 }		Fayetteville—Chittenango, Part 2..	Sullivan.....	1.95	Chittenango, v.	1.36	3.31	.....	.....
5329	9	6, 7	Cazenovia—Morrisville.....	Cazenovia.....	1.37	.....	.....	10.11	.....	.....
5330	9	8, 9	Morrisville—Bouckville.....	Nelson.....	6.33	.....	.....	.....	.....	.....
5380	8	7	Bouckville—Madison.....	Eaton.....	2.24	Morrisville, v...	0.17	.....	.....	.....
5447	8	8	Madison—Oriskany Falls.....	Eaton.....	4.15	Morrisville, v...	0.87	5.63	.....	.....
5402	8	4-6	Hamilton—Bouckville.....	Madison.....	0.61	.....	.....	2.45	.....	.....
5515	9	1	De Ruyter Vil.: Cortland & Utica Sta.	Madison.....	1.78	Madison, v...	0.67	3.35	.....	.....
5585 ¹	8	1, 2, 3	Earlville—Hamil on.....	Madison.....	3.35	.....	.....	5.79	.....	.....
5586 ⁸	9	2, 3	DeRuyter—New Woodstock.....	Hamilton.....	.....	Hamilton, v...	1.52	.....	.....	.....
				De Ruyter.....	.....	De Ruyter, v...	0.81	0.81	.....	.....
				Hamilton.....	3.28	Earlville, v...	0.76	.....	5.59	.....
				Lebanon.....	1.55	.....	.....	.....	.....	.....
				De Ruyter.....	6.09	.....	.....	.....	.....	.....
				Cazenovia.....	1.82	.....	.....	3.05	4.86	.....
				Towns.....	44.54	.....	.....	34.09	10.45	.....
				Villages.....	.....	.....	6.16	6.16	.....	.....
				Cities.....	.....	.....	.....	.....	.....	.....
				Totals.....	44.54	.....	6.16	40.25	10.45	.....

MONROE COUNTY

COUNTY HIGHWAYS.
Petition No.

5*	Fast Av. (Brighton—Fairport Pt. 1)	Brighton.....	1.71	.....	.....	2.45
6*	Ridge, Pt. 1 (Rochester—W. Greece)	Pittsford.....	0.74	.....	.....	6.49
15	Hudson Avenue, Part 1.....	Greece.....	6.49	.....	.....	0.63
60*	Fairport (Brighton—Fairport, Pt. 2)	Rochester, c.....	.....	.....	0.03	.....
61	Pittsford.....	Irondequoit.....	0.60	.....	.....	3.04
62	West Henrietta—Rochester.....	Pittsford.....	1.78	.....	.....	1.30
63	Rochester—Scottsville, Pt. 1.....	Perinton.....	1.26	.....	.....	0.04
78	Clifton, Pt. 1 (Maplewood—Chili).....	Pittsford.....	1.30	.....	.....	6.24
79*	Rochester—Scottsville, Pt. 2.....	Brighton.....	2.22	.....	.....	2.25
80	Hamlin, Pt. 1 (Brockport—Hamlin).....	Henrietta.....	3.98	.....	.....	3.62
81	Hamlin, Pt. 2 (Hamlin—N. Hamlin).....	Chili.....	1.92	.....	.....	7.58
82*	Buffalo, Pt. 1 (Rochester—Lincoln Park).....	Chili.....	3.62	.....	.....	4.63
83*	Buffalo, Pt. 2 (Lincoln Pk.—Moreton).....	Wheatland.....	0.58	.....	0.73	4.06
		Clarkson.....	4.63	.....	.....	0.40
		Hamlin.....	4.06	.....	.....	5.20
		Gates.....	0.40	.....	.....	.....
		Gates.....	5.20	.....	.....	.....

* Total length 6.18 miles. Part in Chenango county.

* 2.32 miles included in State Route No. 20.

* 20 feet included in Rochester by change in corp. lines.

* 2.90 miles included in State Route No. 20.

* Original mileage built was 0.36 mile; 0.18 mile discarded at grade crossing and 0.22 mile built under Repair Contract No. 678.

* Original mileage built was 0.60 miles; 0.41 mile at grade crossing discarded and 0.52 mile built under Repair Contract No. 678.

* 0.05 miles included in Route No. 15.

* Portion accepted under the Hewitt Act.

* Exclusive of villages.

MONROE COUNTY — Continued

High- way No.	High- way No.	Position No.	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
94	32, 193		Monroe Avenue	Brighton	2.33	Rochester, c.	0.23	4.15	.....	.....
98	42		Rochester-Webster, Part 1	Pittsford	1.59	.....	.....	.....	.....	.....
99	42		Rochester-Webster, Part 2	Irondequoit	1.51	Rochester, c.	0.05	1.56	.....	.....
100	42		Rochester-Webster, Part 3	Penfield	2.36	.....	.....	2.96	.....	.....
101	42		Rochester-Webster, Part 4	Webster	0.60	.....	.....	.....	.....	.....
165	162		Ridge, Pt. 2 (W. Greece-Parma)	Webster	3.06	Webster, v.	0.34	3.40	.....	.....
166	35, 198		Penfield, Pt. 1 (Rochester-Penfield)	Parma	2.37	Webster, v.	0.51	2.88	.....	.....
167	35		Penfield, Pt. 2 (Penfield-C county Line)	Brighton	2.06	.....	.....	2.06	.....	.....
168	37		Dugway (Rochester-County Line, Pt. 1)	Penfield	1.17	.....	.....	3.63	.....	.....
169	37		Dugway (Rochester-County Line, Pt. 2)	Penfield	2.46	.....	.....	5.31	.....	.....
170	171		Dugway (Rochester-County Line, Pt. 3)	Brighton	5.31	Rochester, c.	1.47	3.32	.....	.....
171	171		Lake, Pt. 1 (Brockport-Sweden)	Penfield	0.62	.....	.....	.....	.....	.....
172	15		Portland Avenue, Part 1	Penfield	1.23	.....	.....	4.02	.....	.....
				Penfield	4.02	.....	.....	2.83	.....	.....
				Penfield	2.88	.....	.....	2.00	.....	.....
				Sweden	2.01	.....	.....	0.71	.....	.....
				Irondequoit	0.67	Rochester, c.	0.04	.....	.....	.....

173	178	Hudson Avenue, Part 2	Irondequoit	1.00	.....	1.00	.....
252 ¹	38	Clifton, Pt. 2 (Chili—Buckbee)	Chili	2.92	.....	2.92	.....
253 ²	195	Lyell	Gates	2.12	.....	2.12	.....
254 ³	196	Chili, Sec. 2 Rochester—(Chili, Pt. 1)	{ Gates	0.85	.....	3.11	.....
255 ⁴	211	Chili, Sec. 1 Rochester—(Chili, Pt. 2)	Chili	2.26	.....	2.56	.....
256 ⁵	215	Ridge, Pt. 3 (Parma—Garland)	Parma	3.60	.....	3.60	.....
257	214	Ridge, Pt. 4 (Garland—Clarkson)	Clarkson	3.36	.....	3.36	.....
269	162-A	Hilton	Parma	4.30	.....	4.30	.....
276	163, 412	Barnard Crossing, Parts 1 and 2	Greece	4.14	.....	4.14	.....
286	333	Left Fork—German Church—Red-man	Hamlin	5.55	.....	5.55	.....
294	682	Clover Street	{ Brighton	0.22	.....	5.89	.....
398 ⁶	516	County Line	{ Pittsford	5.67	.....	2.76	.....
399 ⁷	324	Latta	Hamlin	2.76	.....	6.82	.....
400	177	Portland Avenue, Part 2	{ Greece	6.67	.....	0.93	.....
401	689	Rapids	Irondequoit	0.93	.....	1.90	.....
402	410	Buffalo, Pt. 3 (Moreton—No. Chili)	{ Gates	1.61	.....	3.62	.....
403	515-A	Churchville—Riga	{ Ogden	2.05	.....	2.08	.....
			{ Chili	1.57	.....		.....
			Riga	2.08	.....		.....

¹ Included in State Route No. 14 Original plans 4.23 miles, of which 0.02 mile over bridge was not constructed. 0.06 mile in Pittsford destroyed by barge canal and rebuilt as No. 5435.

² Included in State Route No. 30.

³ 0.50 mile included in State Route No. 30.

⁴ 0.46 mile included in State Route No. 16.

⁵ Included in State Route No. 16.

⁶ One-half in Orleans county. Actual length is 5.53 miles Original contract 5.55 miles.

⁷ Original contract 6.84 miles 6.82 miles constructed.

* Exclusive of villages.

MONROE COUNTY — Continued

COUNTY HIGHWAYS	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
408	210.....	Rich's Dugway—Penfield.....	{ Penfield..... Brighton..... }	0.85 1.58	.....	.....	2.43	.....	.....
474	955.....	Clover Street, Part 2.....	Brighton.....	1.95	.....	.....	1.95	.....	.....
479 ¹	43.....	Fairport, Part 2.....	Perinton.....	0.27	.....	.....	0.27	.....	.....
480	515.....	Buffalo, Pt. 4 (N. Chili—Churchville)	Riga.....	3.02	.....	.....	3.02	.....	.....
481	44.....	Despatch—Pittsford, Part 2.....	Pittsford.....	0.99	.....	.....	0.99	.....	.....
491	409.....	Hilton—Earletts Corners.....	Parma.....	1.01	.....	.....	1.01	.....	.....
492	294, 435....	Lake, Part 2 and Fourth Section ..	Sweden.....	5.75	.....	.....	5.75	.....	.....
493 ²	684, 968....	Mendon—Pittsford.....	{ Mendon..... Pittsford..... }	2.63 3.08	.....	.....	5.71	.....	.....
493-A ³	968.....	Mendon—Pittsford (Pugley's Hill) ..	Pittsford.....	0.48	.....	.....	0.48	.....	.....
494	197.....	East Henrietta—Rochester.....	{ Brighton..... Henrietta..... }	1.89 2.54	.....	.....	4.43	.....	.....
495 ⁴	408, 683, V-16	Parma Corners — Spencerport — North Chili.....	{ Parma..... Ogden..... }	1.02 4.71	.....	0.42	6.15	.....	.....
495-A ⁵	3434, V-16..	Spencerport Village.....	Ogden.....	2.15	Spencerport, v.....	0.24	0.24	.....	.....
496	697.....	Brockport—Holley, Part 1	{ Sweden..... Clarkson..... }	0.11	.....	.....	.....	2.26	.....
497	987.....	Pittsford—North Henrietta.....	Pittsford.....	2.67	.....	.....	2.67	.....	.....
502	916.....	Honeoye Falls—Pittsford Town Line	Mendon.....	5.19	.....	.....	5.19	.....	.....
538	176, 179....	Ridge—Rochester—Sea Breeze	{ Irondequoit..... Webster..... }	4.21 6.32	Rochester, c.....	1.45	5.66	.....	.....
573	980.....	Sea Breeze—Nine Mile Point.....	Webster.....	0.11	.....	.....	6.32	.....	.....
573-A	980.....	Sea Breeze—Nine Mile Point.....	Webster.....	0.11	.....	.....	0.11	.....	.....
574 ⁶	604, V-129..	Fairport—Nine Mile Point.....	{ Perinton..... Penfield..... }	1.01 5.29	Fairport, v.....	0.39	11.40	.....	.....
574-A	.....	.....	Webster.....	3.63	Webster, v.....	1.08	.....	.....	.....

575	680, 692...	Honeoye Falls—Rush.	{ Rush.....	2.41	.....	.....	4.08	.....
588 ¹	962.....	Monroe—Orleans County line.	{ Mendon.....	1.67	.....	.....	.....	.....
633	419.....	Hamlin.....	Clarkson.....	1.04	.....	.....	1.04	.....
634	2188, 2987..	Buffalo, Part 5.....	Hamlin.....	3.73	.....	.....	3.73	.....
648	742, 743...	West Henrietta—West Rush.	Riga.....	2.12	Churchville, v..	1.31	3.43	.....
700	691.....	Little Ridge, Part 5.....	{ Henrietta.....	1.63	.....	.....	7.37	.....
764 ²	411.....	Scottsville—Mumford.	{ Rush.....	5.74	.....	.....	.....	.....
766	1289, 1197.	Pittsford—Palmyra, Parts 1 and 2..	Clarkson.....	3.83	.....	.....	3.83	.....
767	1735, 1736..	Victor—Mendon, Part 2.....	{ Pittsford.....	1.09	.....	.....	7.12	.....
810	2571.....	Hilton Village.....	{ Perinton.....	6.03	.....	.....	.....	.....
851 ³	2442, V-24..	Spencerport—North Chili, Part 2..	Mendon.....	1.03	.....	.....	1.03	.....
1009	1293.....	Rush—Mendon, Part 2.....	Parma.....	.....	Hilton, v..	1.09	1.09	.....
1187	2686.....	Buckbee Corners—North Chili.....	Chili.....	0.52	.....	.....	0.52	.....
1236	1293.....	Pittsford Village: North, N. Main and State Streets.....	Mendon.....	3.85	.....	.....	3.85	.....
1237	3347, V-280.	West Greece—Manitou Beach.....	Chili.....	1.87	.....	.....	1.87	.....
1281	2181, 3563..	Morton—Redmond Road.....	Pittsford.....	.....	Pittsford, v..	0.66	0.66	.....
1282	2183.....	Rush—Henrietta.....	{ Greece.....	5.12	.....	.....	8.39	.....
1283	2184, 2189..	Riga—Mumford.....	{ Parma.....	3.27	.....	.....	.....	.....
1284	2666, 3524..	Included in State Route No. 20. Included in State Route No. 14. Included in State Route No. 13. A portion omitted from original. Original contract 11.41 miles; 6.69 miles cancelled and re-let as No. 574-A. One-half in Orleans county. Actual length is 2.08 miles. Built as State Highways No. 5997 and No. 5046 on Route No. 18. Original contract 1.11 miles. 1.09 miles constructed Exclusive of villages.	Hamlin.....	1.51	.....	.....	1.51	.....
			Rush.....	1.45	.....	.....	4.55	.....
			Henrietta.....	3.10	.....	.....	.....	.....
			Riga.....	2.50	.....	.....	6.05	.....
			Wheatland.....	3.55	.....	.....	.....	.....

¹ Included in State Route No. 20.

² Included in State Route No. 14.

³ Included in State Route No. 13. A portion omitted from original.

⁴ Original contract 11.41 miles; 6.69 miles cancelled and re-let as No. 574-A.

⁵ One-half in Orleans county. Actual length is 2.08 miles.

⁶ Built as State Highways No. 5997 and No. 5046 on Route No. 18.

⁷ Original contract 1.11 miles. 1.09 miles constructed

⁸ Exclusive of villages.

MONROE COUNTY — Concluded

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
1290	1197	Hannan Corners—Fairport.	Perinton	1.53			1.53	
1319		Honeye Falls Village; Ontario, East and Main Sts.						
1328	2692	Winton Road North.	Mendon		Hon'ye Falls, v.	1.65	1.65	
1337	{ 44-212, V-297 1348-4318 }	E. Rochester—Penfield.	Irondequoit	0.73			0.73	
1367	1301	Ballantyne Br.—Genesee Valley Pk.	Pittsford	0.08	E. Rochester, v.	1.12		
1390	3613, 1344..	Chili—Coldwater	Perinton	0.39	E. Rochester, v.	0.46	2.89	
1391	2190, 2179..	Sweden—Walker	Penfield	0.84				
1392	2709, 2686..	Rush—Mendon, Part 1.	Brighton	1.71			1.71	
1393	2710	Scottsville—Rush	Chili	1.49				
1466	2672, 2688..	Churchville—Adams Basin	Gates	1.43			2.92	
1481	603	Elmgrove—Ridge	Sweden	3.30			7.93	
1499	3763, 2684..	Scottsville—West Henrietta	Clarkson	4.63				3.69
			Rush	1.92				
			Mendon	1.77				
			Wheatland	0.74				
			Rush	4.53			5.27	
			Riga	1.50			6.33	
			Ogden	4.83				
			Gates	0.31				2.73
			Greece	2.42				
			Wheatland	0.73	Scottsville, v.	0.29		
			Henrietta	3.54			4.56	
Towns				296.31			280.91	26.72
Villages						10.29	10.00	0.29
Cities						4.93	4.93	
Totals				296.31		15.22	275.84	27.01
								8.68

STATES HIGHWAYS.		Route No.	Section						
5046	→	15	3	Scottsville—Mumford.....	Wheatland.....	4.93	Scottsville, v... 0.81	5.74	.....
5093		16	1, 3						
5097		20	6	Fairport Extension.....	Pittsford.....	0.18	.....	.....	0.18
5279		16	2	Garbutt's Crossing.....	Wheatland.....	0.94	Scottsville, v... 0.12	1.06	.....
5425		16	4, 5	Scottsville—Chili.....	Wheatland.....	0.84	Scottsville, v... 0.60	6.63	.....
5435		30	11	Holley—Brockport, Part 2.....	Chili.....	5.19	.....	.....	.....
5507		14	4	Pittsford Village: Monroe and South Main Streets.....	Clarkson.....	1.82	.....	3.25	.....
5522		15	1	Scottsville—Conswangus, Part 1... 1	Sweden.....	0.93	Brockport, v... 0.50	.....	.....
5529		30	8, 9	Lyell Avenue—Spencerport.....	Pittsford.....	0.06	Pittsford, v... 0.86	0.92	.....
5539		30	10	Brockport—Spencerport.....	Wheatland.....	2.10	Scottsville, v... 0.04	2.14	.....
5581		30	10	Brockport Village: Main St.....	Mendon.....	3.97	.....	3.97	.....
					Gates.....	3.35	.....	6.06	.....
					Ogden.....	2.31	Spencerport, v... 0.40	.....	.....
					Sweden.....	3.48	.....	7.31	.....
					Ogden.....	3.69	Spencerport, v... 0.14	.....	.....
					Sweden.....	.....	Brockport, v... 0.14	0.14	.....
				Towns.....		33.79	.....	26.44	7.17 0.18
				Villages.....		.....	.....	3.61	3.47 0.14
				Cities.....		.....	.....	.....	.....
				Totals.....		33.79	3.61	29.91	7.31 0.18

* Exclusive of villages.

MONTGOMERY COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
32	88-A.....	Amsterdam—Minaville, Part 1.....	Florida.....	2.65	.....	.....	2.65	.....	.....
96	88.....	Amsterdam—Minaville, Part 2.....	Florida.....	0.63	.....	.....	0.63	.....	.....
107	139.....	Fultonville—Glen.....	Glen.....	3.64	.....	.....	3.64	.....	.....
108	183.....	Mohawk River Turnpike, Amsterdam—Tribes Hill.....	Amsterdam.....	1.82	Ft. Johnson, v.....	1.43	3.25	.....	.....
120	180.....	Canajoharie—Sharon Springs, Part 1.....	Canajoharie.....	4.14	.....	.....	4.14	.....	.....
152	181.....	Fonda, East.....	Mohawk.....	2.50	.....	.....	2.50	.....	.....
155 ¹	182.....	Fonda, West.....	Mohawk.....	2.49	.....	.....	2.49	.....	.....
158	51.....	Northampton.....	Amsterdam.....	0.70	.....	.....	0.70	.....	.....
180 ¹	209.....	Mohawk River Turnpike, Amsterdam—Cranesville.....	Amsterdam.....	2.82	.....	.....	2.82	.....	.....
298	460.....	Amsterdam—Hagaman.....	Amsterdam.....	2.20	.....	.....	2.20	.....	.....
299	550.....	Saulwaters Corners—Youngs Cor's.....	Florida.....	2.74	.....	.....	2.74	.....	.....
300	383.....	DeGraaf Corners—Sherburn Corners.....	Florida.....	1.13	.....	.....	1.13	.....	.....
301	274.....	Minaville—Sootch Bush.....	Florida.....	2.33	.....	.....	2.33	.....	.....
302	208.....	Fonda—Barrville.....	Mohawk.....	2.00	.....	.....	2.00	.....	.....
303	380.....	Fonda—Tribes Hill.....	Mohawk.....	2.21	.....	.....	2.21	.....	.....
304	273.....	Sprakers—Rural Grove, Part 1.....	Root.....	5.63	.....	.....	5.63	.....	.....
345	379.....	Canajoharie—Sprout Brook.....	Canajoharie.....	4.66	.....	.....	4.66	.....	.....
346	381.....	Sprakers—Rural Grove, Part 2.....	Root.....	2.51	.....	.....	2.51	.....	.....
347	461.....	Canajoharie—Sharon Springs, Part 2.....	Canajoharie.....	2.84	.....	.....	2.84	.....	.....
397	378.....	Canajoharie—Flat Creek—Blaine.....	Canajoharie.....	6.52	.....	.....	6.52	.....	.....
409	255.....	Fort Plain—Starkville.....	Minden.....	6.22	.....	.....	6.22	.....	.....

410*	{ 548, 3074 } Fort Plain — Heaville — Sprout	Canaajoharie	0.91	.....	.....	7.10	.....
	{ 3285..... } Brook.....	Minden	5.51	.....	Fort Plain, v	0.68	.....
511	400, 748.... Glen—Charleston.....	Glen	2.30	.....	.....	3.81	.....
		Charleston	1.51	.....	.....	.....	.....
512	918, 2864... Akin—Johnstown, Part 1.....	Amsterdam	2.72	.....	Ft. Johnson, v	0.81	4.56
		Mohawk	1.03	.....	.....	.....	.....
513	549..... Amsterdam—Morris Corners.....	Florida	2.49	.....	.....	2.49	.....
514*	676..... Snooks Corner—Amsterdam.....	Florida	2.70	.....	.....	.....	2.70
515*	794..... Berryville—Sammonsville.....	Mohawk	1.61	.....	.....	1.61	.....
516	985..... Johnstown—Tribes Hill, Part 2.....	Mohawk	2.75	.....	.....	.....	2.75
517*	749, 750.... Palatine Bridge—Stone Arabia.....	Palatine	3.38	.....	Palatine Br., v	0.32	3.70
518*	693, 694.... East Creek—Palatine Church.....	.....	.....	.....	.....	.....	.....
632†	1361..... Hoffman—Craneville.....	Amsterdam	.....	.....	.....	.....	.....
864*	V-1, V-26... Fultonville Village—Fonda Village..	Glen	.....	.....	Fultonville, v	0.60	.....
		Mohawk	.....	.....	Fonda, v	0.26	.....
889	V-109..... Fort Plain Village.....	Minden	.....	.....	Fort Plain, v	0.64	.....
943	1130..... Schenectady County Line—Scotch Bush.....	Florida	1.38	.....	.....	1.88	.....
1140	V-222, 3415. Amsterdam City: West Main Street.	.....	.....	.....	Amsterdam, c	1.87	.....
1498	695..... Manny Corners—Blus Corners.....	Amsterdam	3.63	.....	.....	.....	3.63
1504	2456..... Stone Arabia—Ephratah, Part 1....	Palatine	2.74	.....	.....	.....	2.74
		Towns....	97.04	.....	.....	73.99	15.20
		Villages....	.....	.....	.....	4.74	0.81
		Cities.....	.....	.....	.....	1.87	.....
		Totals.....	97.04	.....	.....	6.61	8.66
							15.52

0.96 mile built.

* Included in State Route No. 6.

† Original contract forfeited September 30, 1916. Completed by Department Force.

* Fort Hunter—Amsterdam (3.76 miles) included in State Route No. 6.

Original plans 6.46 miles.

* Original plans 4.11 miles; 2.50 miles built as State Highway No. 5125 on Route No. 6.

* Original plans 3.93 miles. Portion from Nelliston to Palatine Bridge (0.62 mile) built as State Highway No. 5123 on State Route No. 6.

* Built as State Highways No. 5028 and No. 5109 on Route No. 6.

* Built as State Highway No. 5126 on Route No. 6.

* 0.93 mile included in State Route No. 6. Original contract for 0.90 mile forfeited.

* Exclusive of villages.

MONTGOMERY COUNTY — Concluded

STATE HIGHWAYS.	Route No.	Section No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5028	6	16, 17	East Creek—St. Johnsville	St. Johnsville	2.82	St. Johnsville, v	0.90	3.72	....	....
5096 ¹	24	1	Fonda—Johnstown	Mohawk	1.98	Fonda, v	0.45	2.43	....	....
5109	6	15	St. Johnsville—Nelliston	{ St. Johnsville. Palatine.	{ 2.81 1.98	....	....	{ 4.79	....	....
5123	6	12-14	Nelliston—Palatine Bridge	{ Palatine. Palatine.	{ 0.52	{ Nelliston, v Palatine Br., v	{ 2.08 1.46	{ 4.06	....	....
5124 ²	6	11	Palatine Bridge—Fonda, Part 1	Palatine	4.25	....	....	4.25	....	....
5125 ²	6	10	Palatine Bridge—Fonda, Part 2	{ Palatine. Mohawk	{ 0.45 3.55	....	....	{ 4.00	....	....
5126	6	1	Hoffman—Craneville	Amsterdam	2.24	....	....	2.24	....	....
Totals					20.60	....	....	20.60	....	....
Villages					....	....	4.89	4.89	....	....
Cities					....	....	....	....	....	....
Totals					20.60	....	4.89	25.49	....	....

NASSAU COUNTY

COUNTY HIGHWAYS.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
270	270	Birch Hill	Oyster Bay	1.16	....	....	1.16	....	....
434	620	Arrandale—Bay View	North Hempstead	1.69	....	....	1.69	....	....
435	621	South Glenwood—Meeting House	{ Oyster Bay North Hempstead	{ 1.84 0.10	....	....	{ 1.94	....	....

436 ⁴	622, 623....	Jericho Turnpike—Plainview.....	Oyster Bay.....	6.98	.....	6.98
437	612, 613....	Jerusalem Avenue—Front Street...	Hempstead.....	7.09	.....	7.09
545	637.....	Syosset—Cold Spring Harbor.....	Oyster Bay.....	3.22	.....	3.22
546	627.....	New Bridge.....	Oyster Bay.....	1.72	.....	6.02
547 ⁵	615, 619, 646	Willset—East Williston—Westbury Pond.....	Hempstead.....	4.30	.....	6.43
548 ⁶	626.....	Berry Hill, Part 1.....	Oyster Bay.....	0.15	.....	6.43
808 ⁷	2173.....	East Norwich—Memorial Cemetery.	North Hempstead..	6.28	.....	4.74
953	969.....	Glen Cove.....	Oyster Bay.....	2.87	.....	2.87
988	642, 717....	New Hyde Park—Great Neck.....	Glen Cove, c..	0.96	.....	0.96
1201	3471.....	Huntington Town Line—Farming- dale, Part 2.....	North Hempstead..	0.22	.....	0.35
1202	641, 3469...	Plainview—Massapequa Turnpike..	Hempstead.....	0.13	.....	0.35
1203	611, 3470...	Baldwin—Oceanside.....	Oyster Bay.....	0.26	Farmingdale, v.	0.61
1342	618.....	Roslyn—Port Washington.....	Oyster Bay.....	4.39	.....	4.39
1343	688, 639, 3639	Westbury—Hicksville.....	Hempstead.....	1.56	.....	1.56
1344	638.....	Green Corner—Francis Pond.....	No. Hempstead....	5.24	.....	5.24
1396	3572, 3573, V-370	Sheridan Boulevard—Burnside Ave. and Rockaway Turnpike.....	No. Hempstead....	1.77	.....	5.24
			No. Hempstead....	1.32	.....	3.09
			Oyster Bay.....	3.38	.....	3.38
			Hempstead.....	2.03	Lawrence, v.	0.19
			Hempstead.....	.....	Cedarhurst, v..	0.77
			Towns.....	62.44	.....	48.70 13.74
			Villages.....	.....	2.27	1.31 0.96
			Cities.....	.....	.....	.....
			Totals.....	62.44	2.27	50.01 14.70

¹ Part in Fulton county. Total length 3.07 miles.

² Items combined and let as one contract.

³ 1.40 miles included in State Route No. 35.

⁴ 1.76 miles included in State Route No. 35.

⁵ 1.84 miles included in State Route No. 35.

⁶ 1.17 miles included in State Route No. 35.

⁷ Exclusive of villages.

NASSAU COUNTY — Concluded

STATE HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved awaiting contract
5051	35	3	Little Neck—Old Westbury, Part 3.	North Hempstead..	1.96	.....	.....	1.96	.....	.....
5106	35	1, 4	Little Neck—Old Westbury, Parts 1 and 4.....	North Hempstead..	2.46	.....	.....	2.46	.....	.....
5280	35	2	Little Neck—Old Westbury, Part 2.	North Hempstead..	1.57	.....	.....	.....	1.57	.....
5505	35	5, 7	Wheatley—East Norwich, Part 1....	{ North Hempstead..	0.51	.....	.....	2.91	.....	.....
				{ Oyster Bay.....	2.40	.....	.....	.....	.....	.....
				Towns.....	8.90	.....	.....	7.33	1.57	.....
				Villages.....	.....	.....	.....	.....	.....	.....
				Cities.....	.....	.....	.....	.....	.....	.....
				Totals.....	8.90	.....	.....	7.33	1.57	.....

NIAGARA COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved awaiting contract
251	306, 2282...	Griswold Street.....	Royalton.....	3.15	.....	.....	3.15	.....	.....
475 ¹	732.....	Suspension Bridge—Lewiston.....	Lewiston.....	2.22	.....	.....	2.22	.....	.....
507	1031.....	Transit, Part 3.....	{ Lockport.....	2.87	Lockport, e....	0.22	4.6'	.....	.....
617	1178.....	Lewiston—Dickersonville.....	Pendleton.....	1.58	.....	.....	.....	.....	.....
643	1179, 1179-A	North Tonawanda—Sanborn, Parts 1 and 2.....	Lewiston.....	4.80	.....	.....	4.80	.....	.....
			Wheatfield.....	4.44	.....	.....	4.44	.....	.....

660	2241.....	Griswold Street—Bratte Bridge.....	Royalton.....	5.97	.....	5.97	.....
713	1179-B 2240	North Tonawanda—Shawnee.....	Wheatfield.....	5.13	.....	5.13	.....
729	2240.....	Shawnee—Cambria.....	Cambria.....	3.19	.....	3.19	.....
740*	1693.....	Sanborn—Pekin.....	Lewiston.....	1.88	.....	2.75	.....
			Cambria.....	0.87	.....	.....	.....
749*	2245.....	Lockport—Tonawanda Creek.....	Lockport, c.....	0.35	.....	10.30	.....
			Royalton.....	2.72	.....	.....	.....
757	2239.....	Gasport—Hartland, Part 1.....	Royalton.....	7.23	.....	.....	.....
758 } 758-A }	2365.....	Olcott—Lockport, Part 1.....	Royalton.....	1.21	.....	2.78	.....
			Hartland.....	1.57	.....	.....	.....
759	2285.....	Olcott—Lockport, Part 2.....	Newfane.....	8.33	.....	8.33	.....
771*	2288.....	McNalls Corners—Gasport.....	Lockport.....	2.15	.....	2.15	.....
773	2244.....	Wendelville—Lockport, Part 2.....	Royalton.....	.....	.....	.....	.....
			Cambria.....	0.50	.....	2.38	.....
774	2243.....	Wendelville—Lockport, Part 1.....	Lockport.....	1.88	.....	.....	.....
799	2416, 2664..	Wendelville—Lockport, Part 2.....	Pendleton.....	4.62	.....	4.62	.....
			Cambria.....	1.59	.....	.....	.....
800	2242, 2504, 3620.....	Youngstown—Lockport, Part 2.....	Wilson.....	2.62	.....	4.1	.....
832	2284.....	Youngstown—Lockport, Part 1.....	Porter.....	6.81	Youngstown, v.	0.98	7.79
1045*	2646, 2623..	Mountain Ridge Road.....	Lockport.....	2.51	.....	2.51	.....
1064	3066, V-213.	Cambria—Lockport.....	Cambria.....	5.13	.....	5.13	.....
		North Tonawanda City.....	N. Tonawanda.....	2.33	.....	2.33	.....

* Included in State Route No. 18. Original construction, 2.42 miles. 0.20 mile rebuilt at railroad crossing as No. 5590.

* 1.96 miles included in State Route No. 30.

* Original contract forfeited. Completed by Department For 3c.

* Original contract forfeited. Re-let No. 748-A.

* Included in State Route No. 30. Built as No. 5562.

* Original contract forfeited August 23, 1915.

* Exclusive of village.

NIAGARA COUNTY — Concluded

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1085	V-163, 3096.	Lockport City: South Transit Street			Lockport, c.	0.97	0.97		
1086	V-212.....	Lockport City: West Avenue			Lockport, c.	0.60	0.60		
1087	3029, V-213.	North Tonawanda City: Erie Ave..			N. Tonawanda.	2.77	2.77		
135	2286, 3408..	Griswold Street—County Line.....	Royalton.	1.08	Middleport, v.	0.41	1.49		
1153	{ V-182, V-183, V-230.....	Lockport City: Market Street and Lake Avenue.....			Lockport, c.	1.27	1.27		
1315	{ 2545, 2646, 2366, 2664, 3619... }	Cambria—Wilson.....	Cambria.	1.30				8.00	
			Wilson.	5.78	Wilson, v.	0.92			
1316	3407.....	Dickersonville—Cambria.....	Lewiston.	2.44					2.49
			Cambria.	0.05					
				Towns.....			72.24	16.27	7.11
				Villages.....			2.31	0.41	1.90
				Cities.....			8.51	6.18	2.33
				Totals.....		10.82	78.83	18.17	9.44
5063*	18 4	Niagara Falls—Buffalo, Part 1.....	Niagara.	0.94	LaSalle, v.	1.52	2.46		
5164	18 3	Niagara Falls—Buffalo, Part 2.....	Niagara.	0.28	LaSalle, v.	0.30	3.69		
5220	{ 18 1 Pet. V-1087 }	Niagara Falls—Buffalo, Part 3.....	Wheatfield.	3.11					
			Wheatfield.	2.52			4.87		
05	30 10	Niagara Falls—Sanborn.....	Niagara.	1.91	N. Tonawanda.	2.35			
6	{ 18 9-11 Pet. V-1102 }	Lewiston—Youngstown.....	Lewiston.	6.04			7.95		
			Lewiston.	2.90	Lewiston, v.	1.36			
			Porter.....	1.35	Youngstown, v.	1.21	6.82		

STATE HIGHWAYS.

Route No. Section

5319	30	3, 4	Wrights Corners—Hartland.....	Newfane.....	3.47	.....	.....	6.03	.....
5381	18	4	LaSalle Bridge.....	Hartland.....	3.16	.....	.....	.....	.....
				Niagara.....	.....	.....	0.09	0.09	.....
5416	30	6, 7	Cambria—Wrights Corners.....	Cambria.....	3.83	.....	.....	.....	.....
				Lockport.....	2.20	.....	.....	7.80	.....
				Newfane.....	1.77	.....	.....	.....	.....
5417	30	8	Pekin—Cambria.....	Cambria.....	4.29	.....	.....	5.46	.....
				Lewiston.....	1.17	.....	.....	.....	.....
5431	30	1, 2	Hartland—Medina, Part 1.....	Hartland.....	5.92	.....	.....	5.92	.....
5560	{ 30	1-01	Middleport—Medina, Part 1.....	Royalton.....	0.28	.....	1.04	1.82	.....
	{ Pet.	V-1216							
5561	30	1-03	Gasport—Middleport.....	Royalton.....	4.40	.....	.....	4.40	.....
5562	30	1-04	Gasport—McNalls.....	Royalton.....	2.33	.....	.....	2.33	.....
				Lockport, c.....	0.34	.....	.....	.....	.....
5563 ¹	30	1-05	Lockport—McNalls.....	Lockport.....	2.31	.....	.....	5.07	.....
				Royalton.....	2.42	.....	.....	.....	.....
5590	18	9	Lewiston Heights—Lewiston.....	Lewiston.....	0.26	.....	0.35	.....	0.61
				Towns.....	56.86	.....	.....	56.60	0.28
				Villages.....	.....	.....	5.87	5.52	0.35
				Cities.....	.....	.....	2.69	2.69	.....
				Totals.....	56.86	.....	8.56	64.81	0.61
SPECIAL HIGHWAYS.									
9001	.....	.....	Middleport—Ridge.....	Royalton.....	0.29	.....	.....	2.69	.....
				Hartland.....	2.40	.....	.....	.....	.....
9002	.....	.....	Barker—Johnson Creek, Part 1.....	Somerset.....	2.75	.....	.....	2.75	.....
				Towns.....	5.44	.....	.....	5.44	.....

¹ 0.70 mile included in State Route No. 30.
² Original contract 2.50 miles; 0.09 mile cancelled and re-let as No. 5381.
³ Original contract forfeited May 31, 1916. Completed by Department Force.

* Exclusive of villages.

10.70 mile included in State Route No. 30.

² Original contract 2.50 miles; 0.09 mile cancelled and re-let as No. 5381.

* Original contract forfeited May 31, 1916. Completed by Department Forces.

* Exclusive of villages.

ONEIDA COUNTY

COUNTY HIGHWAYS.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
3	9	River Road	Whitestown	...	Utica, c.	2.24	2.24	...	...
21	V-51, 91	Sauquoit Creek	New Hartford	4.63	Yorkville, v.	...	...	...	...
71	67	Utica-Paris	Vernon	1.03	...	...	4.63	...	...
139	173	Hamilton Bridge	...	...	Sherrill, c.	0.22	1.25	...	...
140	174	Seneca Turnpike	Vernon	2.29	...	...	2.29	...	...
250	319-A, 2712	Utica-Oneida Castle, Part 1	New Hartford	3.61	...	...	8.45	...	...
271	319-A	Utica-Oneida Castle, Part 2	Kirkland	2.39	...	...	...	...	...
295	319-B	Mohawk River Road-Floyd	West Moreland	2.45	...	...	...	...	...
296	319-B	Mohawk River Road-Marcy	West Moreland	1.71	...	...	...	...	...
297	319-B	Mohawk River Road-Deerfield	Vernon	6.01	Sherrill, c.	0.78	8.50	...	...
368	319-C	Augusta Road, Augusta Section	Floyd	2.78	...	...	2.78	...	...
369	319-C	Augusta Road, Oriskany Falls Section	Marcy	4.50	...	...	4.50	...	...
406	319-C	Augusta Road, Vernon Center Section	Marcy	2.47	...	...	3.72	...	...
438	319-C	Augusta Road, Lowell and Spencer Sections	Augusta	3.38	Utica, c.	1.25	3.38	...	...
559	319-D	Utica-Bridgewater	Augusta	2.98	...	...	2.98	...	...
			Vernon	3.87	...	...	3.87	...	...
			Vernon	2.88	...	...	7.10	...	...
			West Moreland	4.22	...	...	...	...	...
			Paris	4.89	...	...	9.06	...	...
			Bridgewater	4.17	...	...	...	...	...

560 ⁷	1271.....	Mohawk River—Rome.....	Rome (Low tax)....	2.42	.....	2.42	.....
561 ¹¹	319-C.....	Rome—Northwestern, Part 1.....	Western.....	4.43	.....	4.43	.....
562 ¹¹	1272.....	Rome—Northwestern, Part 2.....	Rome (Low tax)....	3.57	.....	3.87	.....
563 ⁷	1270.....	Rome—Taberg.....	Rome (Low tax)....	5.11	.....	5.11	.....
564 ¹²	1269, 1274..	Rome Roads, Augusta and West Moreland Sections.....	Rome (Low tax)....	4.99	.....	4.99	.....
701 ¹²	319.....	Deansboro—New Hartford.....	{ Marshall.....	0.25	.....	6.28	.....
837	319-F.....	Waterville—Deansboro.....	{ Kirkland.....	6.03	.....	4.74	.....
838	2548.....	Sauquoit.....	Marshall.....	4.74	.....	0.56	.....
839	2538.....	Augusta—Knoboro.....	Paris.....	0.56	.....	1.20	.....
840	319-F.....	North Brookfield—Waterville.....	Augusta.....	1.20	.....	4.37	.....
877	V-17.....	Clinton Village.....	Sangerfield.....	4.37	.....	0.98	.....
931 ¹⁴	2676, 2887..	Marcy Hill—Trenton.....	Kirkland.....	.....	Clinton, v.....	7.18	.....
932	V-100.....	Waterville Village.....	{ Deerfield.....	1.74	.....	0.42	.....
933 ¹⁴	2886, 2887..	Deerfield Corners—Marcy Hill.....	{ Trenton.....	5.02	.....	0.94	.....
			{ Sangerfield.....	.....	Waterville, v.....	0.28	.....
			{ Marshall.....	.....	Waterville, v.....	.....	.....
			{ Marcy.....	1.93	.....	.....	.....
			{ Deerfield.....	2.42	.....	5.02	.....
			.....	.....	Utica, c.....	0.67	.....

⁷Original plans 1.33 miles. Included in State Route No. 28 and 1.08 miles reconstructed as No. 5091. Balances rebuilt by city.
¹¹Included in State Route No. 24. Original contract 3.21 miles, 3.19 miles built of which 0.52 miles were rebuilt as No. 5665 and 0.04 by city.
¹²0.10 mile included in State Route No. 6. Original contract 1.29 miles. Change in alignment reduced length.

¹³0.72 mile included in State Route No. 6. Original contract 3.53 miles.

¹⁴Included in State Route No. 6. Original contract 3.53 miles.

¹⁵Included in State Route No. 25.

¹⁶3.32 miles included in State Route No. 28.

¹⁷Included in State Route No. 23.

¹⁸1 portion of original plans omitted through the Delta Reservoir.

¹⁹1.70 miles included in State Route No. 28.

²⁰3.00 miles constructed as County Highway on State Route No.

²¹Items of Highways 431 and 433 combined and let as one contract.

²²Excludes village.

ONEIDA COUNTY — Continued

COUNTY HIGHWAYS.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1107	V-202, 3190.	Oriskany Falls Village.	Augusta.	.....	Oriskany F'ls, v	0.22	0.22	.....	.....
1111 ¹	V-220, A-B-C	Rome City	Rome (Low tax)	.....	Rome (High tax)	0.82	0.82	.....	.....
1141	3189.....	Delta—Westernville.	Western.	2.51	.....	.....	3.37	.....	.....
1144	3412.....	Trenton—Rensen.	Trenton.	3.30	Trenton, v.....	0.21	3.61	.....	.....
1157 ²	2678.....	Durhamville—Rome.	Trenton.	.....	Rensen, v.....	0.10	13.72	.....	.....
1158	2866.....	Thomson Corners—Taberg.	Verona.	11.00	New London, v.	.....	6.68	.....	.....
1159	{ 3098, 3122, 3123, 2678 }	Vienna—New London.	Rome (Low tax)	2.72	.....	.....	7.76	.....	.....
1355	319.....	North Western—Boonville, Part 1.	Florence	1.79	.....	.....	.....	6.15	.....
1356	319, 3666...	North Western—Boonville, Part 2.	Camden.	0.72	.....	.....	.....	5.74	.....
1357	1273, 2928..	Rome—Ava, Part 2.....	Annville.	4.17	.....	.....	4.88	.....	.....
1358	2928, 2929..	Rome—Ava, Part 3.....	Rome (Low tax)	2.55	.....	.....	.....	8.26	.....
1382	V-356, 3683.	Rome—Ava, Part 1.....	Vienna.	4.05	.....	.....	.....	1.05	.....

162	V-360, 3732.	North Western—Boonville, Part 3..	Boonville.....	Boonville, v.....	0.45	.....	0.45
			Towns.....169.50		.....	148.75	8.26
			Villages.....		.....	4.03	3.13
			Cities.....		.....	6.28	6.28
			Totals.....169.50		.....	158.16	8.26
					.....	.....	13.39
5034	6	6, 8 { Vernon Village.....	Vernon.....	Vernon, v.....	0.60	1.41	.....
5052	6	2 Oneida Castle Village.....	Oneida Castle, v.....	Oneida Castle, v.....	0.81	.....	.....
5059	23	2 New Hartford Village.....	New Hartford.....	New Hartford, v.....	0.65	0.65	.....
5079	23	2 Whitesboro Village.....	Whitestown.....	Whitesboro, v.....	1.60	1.60	.....
5091 ⁴	28	5 Clayville Village.....	Paris.....	Clayville, v.....	1.44	1.44	.....
5131	28	1 Yorkville Village.....	Whitestown.....	Yorkville, v.....	1.08	1.08	.....
	28	5, 7 Rome City.....	.....	Rome(High tax)	1.20	1.20	.....
5139	28	9, 10 Camden—Taberg, Part 2.....	Annville.....	Annville.....	.....	7.94	.....
			Lee.....	Lee.....	.....	.....	.....
5243 ²	25	6, 7 Boonville Town Line—McKeesee... {	Boonville.....	Boonville.....	1.86	16.77	.....
			Forestport.....	Forestport, v... {	1.57	.....	.....
5303	{ 27	2 Boonville Village.....	Boonville.....	Boonville, v.....	0.82	0.82	.....
5307	27	1, 3 Alder Creek—Lewis County Line... {	Boonville.....	Boonville, v.....	0.47	7.78	.....
			Marv.....	Marv.....	.....	.....	.....
5325	25	2, 3 Whitesboro—Trenton.....	Trenton.....	Holland Pat., v.....	0.88	12.37	.....
			Trenton.....	Trenton, v.....	0.07	.....	.....

¹ 0.21 mile included in State Route No. 29. Original plans 1.02 miles, of which 0.18 mile was built by Rome city.

² Corporation limits of New London not defined.

³ Part in Herkimer county. Total length 18.03 miles.

⁴ Original mileage 1.06 changed by supplemental agreement.

⁵ Exclusive of villages.

ONEIDA COUNTY — Concluded

STATES HIGHWAYS.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5345	25	4	Trenton—Prospect—Remsen	{ Trenton. Trenton. Remsen.	3.74 1.21	Trenton, v. Prospect, v. Remsen, v.	0.20 0.42 0.20	5.86	.....	.....
5346	{ 25 Pet. V-1138	5	Remsen—Boonville Town Line	Remsen.	5.31	Remsen, v.	0.80	6.11	.....	.....
5385	{ 8 Pet. V-1136	1	Oriskany Falls Village	Augusta.	0.12	Oriskany Falls.	0.94	1.06	.....	.....
5395	{ 6 Pet. V-1135	1	Utica City: Turner Street	.....	.....	Utica, c.	0.38	0.38	.....	.....
5406	8	2	Oriskany Falls—Deansboro.	Marshall.	3.94	.....	.....	3.94	.....	.....
5442	8	4	Franklin Springs—Kirkland	Kirkland.	3.47	.....	.....	3.47	.....	.....
5461	28	11	Camden—Taberg, Part 1.	{ Camden. Ansdville.	2.69 0.25	Camden, v.	0.49	3.43	.....	.....
5465 ¹	23	1, 2	West Winfield—Bridgewater	Bridgewater.	0.62	Bridgewater, v.	0.64	1.26	.....	.....
5521	29	3, 4	Verona—Rome	{ Verona. West Moreland. Rome (Low tax)	2.70 0.79 2.23	..... ..... .....	.....	5.72	.....	.....
5547	25	1	Whitesboro—Carey Corners	{ Whitesboro. Marcy.	0.19 0.51	..... .....	.....	0.70	.....	.....
5553	28	13, 14	Camden—Oswego County Line	Camden.	5.73	.....	.....	5.73	.....	.....
5558	29	5, 6	Oneida—Verona	Verona.	4.68	.....	.....	4.68	.....	.....
5559 ²	26	1, 2	Poland—Trenton	{ Deerfield. Trenton.	0.75 3.64	..... Trenton, v.	0.20	4.59	.....	.....
5597	23	12, 13	Utica—Poland, Part 3	Deerfield.	5.34	.....	.....	5.34	.....	.....
5604	23	10	Utica—Poland, Part 1	Deerfield.	0.17	Utica, c.	0.88	1.05	.....	.....

5605	{ 23 V-1224..... }	8 } Utica City: Onaida Street.....	.....	.....	.....	.....	.....	.....	.....
5633 *	23	11	Utica — Poland, Part 2.....	.....	5.10	.....	.....	.....	5.10
5640	28	12	Camden Village: Church, Main and Mexico Streets.....	.....	.....	.....	.....	.....	.....
			Camden.....	.....	.....	1.27	1.27	.....	.....
			Towns.....	95.05	.....	.....	83.74	6.21	5.10
			Villages.....	.....	.....	15.24	15.24	.....	.....
			Cities.....	.....	.....	2.93	2.10	0.88	.....
			Totals.....	95.05	.....	18.22	101.08	7.09	5.10

ONONDAGA COUNTY

COUNTY HIGHWAYS.		Petition No.							
8	11.....	Cortland Street.....	Onondaga.....	1.20	.....	.....	1.20	.....	.....
9	12.....	James Street.....	De Witt.....	0.58	.....	.....	0.58	.....	.....
48	81.....	West Lake.....	Skaneateles.....	1.00	.....	.....	1.00	.....	.....
49	94, 798.....	Fabius—Apulia, Part 1.....	Fabius.....	2.00	.....	.....	2.00	.....	.....
74	60.....	Marcellus—Marietta.....	Marcellus.....	1.00	.....	.....	1.00	.....	.....
75	184.....	Fabius—Apulia, Part 2.....	Fabius.....	0.78	.....	.....	0.78	.....	.....
76*	61.....	La Fayette.....	La Fayette.....	1.00	.....	.....	1.00	.....	.....
121	233.....	Fabius—Apulia, Part 3.....	Fabius.....	1.16	.....	.....	1.16	.....	.....
122	80.....	East Lake.....	Skaneateles.....	1.00	.....	.....	1.00	.....	.....
132 ⁴	247.....	Genesee Turnpike.....	Geddes.....	1.13	.....	.....	1.13	.....	.....
245	10.....	Coleman Hill, Part 1.....	Pompey.....	1.21	.....	.....	1.21	.....	.....
290*	437.....	South Salina Street.....	Onondaga.....	1.06	.....	.....	1.06	.....	.....

* 1.53 miles in Oswego county and 1.17 miles in Herkimer county. Total length 3.96 miles.

* Total length 8.69 miles. 4.30 miles in Herkimer county.

* Included in State Route No. 10.

* Included in State Route No. 6.

* Awaiting approval of Commission.

* Exclusive of villages.

ONONDAGA COUNTY — Continued

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
291	456	Cemetery	Onondaga	0.89			0.89		
292	581, 710, 802	West Lake, Part 2	Skaneateles	1.00			1.00		
293	583	East Lake, Part 2	Skaneateles	1.00			1.00		
328	520	Valley Road—Marcellus	Marcellus	1.28			1.28		
329	521	Valley Road—Camillus	Camillus	2.31			2.31		
330	448	Skaneateles—Hamilton, Part 1	Tully	2.44			2.44		
348	701	Collamer	De Witt	1.96			1.96		
429	79, 762	Thompson	De Witt	2.79			2.79		
430	582, 707	Jordan Valley, Part 1	Elbridge	1.72			1.72		
431 ^a	703, 711	Skaneateles—Spafford	{ Skaneateles Spafford	{ 1.32 1.15			{ 2.47		
452	705	Cicero—South Bay	Cicero	3.53			3.53		
486	802, 1147	Skaneateles—West Lake, Pts. 3, 4, 5	Skaneateles	3.37			3.37		
487 ¹	708, 1145	Elbridge	Elbridge	3.66			3.66		
488	709	Belle Isle	Camillus	2.02			2.02		
489	799, 800, 801	{ Tully—Apulia Tully—Onondaga Castle, Pt. 2	{ Tully Fabius	{ 3.65 0.79			{ 4.44		
553	784	Fly	De Witt	2.33			2.33		
554	{ 797, 798, 1123, 1126	Fabius	Fabius	4.91			4.91		
555 ²	{ 1254, 1259, 1371	East Syracuse—Chittenango	{ De Witt Manlius	{ 0.64 7.06			{ 7.70		
556	785	Manlius—Chittenango	Manlius	3.22			3.22		
557	{ 702, 760, 1194, 1262-A	Vesper—South Onondaga, Part 1	Otisco	6.19			6.19		

558 *	1251-C, 1139.....	Genesee Turnpike—Camillus.....	Camillus.....	.....	.....	.....	.....
655	2429.....	Jordan—Cross Lake.....	Elbridge.....	1.78	.....	1.78	.....
669	1254-D, 1263-A, 2235.....	Pompey—Jamesville.....	Pompey.....	3.99	.....	.....	.....
			La Fayette.....	1.33	.....	5.97	.....
			De Witt.....	0.65	.....	.....	.....
670	745, 1150, 3121.	Cold Spring—Liverpool.....	Salina.....	2.75	Liverpool, v....	0.66	3.41
671	V-158, 1332, 2989.....	Baldwinsville—Cold Spring.....	Lysander.....	3.74	Baldwinsville, v	0.57	4.31
672 *	734, 1140, 1254, 2234.	Syracuse—Bridgeport, Part 1.....	Salina.....	1.30	Syracuse, c.....	0.58	.....
			De Witt.....	3.14	.....	.....	7.21
			Manlius.....	2.19	.....	.....	.....
672-A	1254, 3495..	Syracuse—Bridgeport.....	De Witt.....	1.14	.....	.....	1.14
673 *	1252.....	Cicero—Brewerton.....	Cicero.....	.....	.....	.....	.....
896	V-46, V-48, * 2235.....	Eastwood Village.....	De Witt.....	0.14	Eastwood, v....	0.91	2.43
		East Syracuse Village.....	De Witt.....	.....	E. Syracuse, v..	1.38	.....
897	1151, 1251, 2431	Skaneateles—Camillus.....	Elbridge.....	2.51	.....	.....	4.25
			Camillus.....	1.74	.....	.....	.....
961	V-137.....	Elbridge Village: South Street.....	Elbridge.....	.....	Elbridge, v....	0.19	0.19
971	520, 761, 1260, 1821.	Marietta—Marcellus.....	Marcellus.....	6.33	Marcellus, v....	1.36	7.69
1039	V-190, 1252, 1253, 1258..	Baldwinsville—Cicero.....	Lysander.....	2.26	Baldwinsville, v	0.48	11.10
			Clay.....	7.53	.....	.....	.....
			Cicero.....	0.83	.....	.....	.....

* 2.00 miles included in State Route No. 6 and 1.57 miles in State Route No. 20.

† 0.85 mile included in State Route No. 6.

‡ Original plans 6.84 miles. Built as State Highways on Route No. 6.

§ Original contract 7.38 miles; 0.38 mile at grade crossing omitted from construction, of which 0.20 mile was included in No. 672-A.

|| Contracted as State Highway No. 2244 on Route No. 1041.

• Original mileage 2.56. 0.03 mile reconstructed under Highway No. 1041.

* Exclusive of villages.

ONONDAGA COUNTY, — Continued

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1040	V-147.....	Camillus Village.....	Camillus.....	.....	Camillus, v.....	0.49	0.49	.....	.....
1041	915, 1265, 1631.	Skaneateles—Borodino—Marletta.....	Spafford.....	6.08	.....	.....	6.08	.....	.....
1042	V-177, 1148.	Skaneateles—Camillus, Part 1.....	Skaneateles.....	3.91	Skaneateles, v.....	0.33	4.24	.....	.....
1043	V-40.....	Fabius Village.....	Fabius.....	.....	Fabius, v.....	1.35	1.35	.....	.....
1044	V-148, 3169.	East Syracuse Village: Hartwell Ave.....	De Witt.....	0.05	E. Syracuse, v.....	0.97	1.02	.....	.....
1068	3185.....	Niles—Mandans.....	Skaneateles.....	3.12	.....	.....	3.12	.....	.....
1069	1756.....	Onondaga Valley.....	Onondaga.....	0.30	.....	.....	0.30	.....	.....
1070	2435, V-198.	Vesper—Tully.....	Tully.....	1.27	Tully, v.....	0.41	1.68	.....	.....
1071	1262, 1331..	Amber Hamlet.....	Otisco.....	1.99	.....	.....	1.99	.....	.....
1072	3173.....	Syracuse—Bridgeport, Part 2.....	Cicero.....	3.06	.....	.....	.....	3.06	.....
1073 ¹	{ 1386, '88, 3168, }	Minos—Manlius Center—Manlius..	Manlius.....	.....	Fayetteville, v.....	0.90	.....	.....	.....
1073-A	{ 3174, V-174 }		Manlius.....	1.39	Minos, v.....	0.99	4.86	.....	2.37
			Manlius.....	2.76	Manlius, v.....	1.19	.....	.....	.....
1074	{ 701, 3169, 3171, }	Eastwood Vil.: Burnet & Midler Ave.....	De Witt.....	0.29	Eastwood, v.....	1.24	1.91	.....	.....
1145	{ V-319, 3172, V-180 }	E. Syracuse Vil.: W. Manlius St.....	De Witt.....	.....	E. Syracuse, v.....	0.38	.....	.....	.....
1145	V-235, 3416.	Syracuse City: Englewood Avenue..	.....	.....	Syracuse, c.....	0.76	0.76	.....	.....
1209	V-275.....	Syracuse City: Court Street.....	.....	.....	Syracuse, c.....	0.27	0.27	.....	.....
1353 ¹	{ 3332..... }	Solvay—State Fair—Syracuse.....	Geddes.....	1.27	Solvay, v.....	0.15	2.13	.....	.....
1354	{ 1261, 3665, }	Syracuse—Otisco, Part 1.....	Onondaga.....	4.01	Syracuse, c.....	0.71	.....	.....	.....
	{ 704, 1127 }		Onon. Indian Res.....	1.54	.....	.....	.....	5.55	.....
	{ 1756..... }		Onondaga.....	0.22	.....	.....	.....	.....	0.23
1359	{ V-382, 3627, }	East Onondaga: Seneca Street.....	Onondaga.....	.....	.....	.....	.....	.....	.....
1505	{ 3514..... }	Jordan Village: North Main Street..	Elbridge.....	0.22	Jordan, v.....	0.74	.....	.....	0.96
1506	{ 3514, 1142.. }	Jordan—Baldwinsville, Part 1.....	Elbridge.....	3.42	Van Buren, v.....	2.10	.....	5.52	.....

ONONDAGA COUNTY — Concluded

Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5470	33	1, 2	Syracuse—Cicero.....	Salina.....	2.60	.....	.....	6.68	.....	.....
				Clay.....	1.42	.....	.....	.....	.....	.....
				Cicero.....	2.57	.....	.....	.....	.....	.....
5477	34	3	Syracuse City: Park Street.....	.....	.....	Syracuse, c.....	0.70	0.70	.....	.....
5516	10	7, 8	Lafayette—Tully.....	Lafayette.....	2.93	.....	.....	8.73	.....	.....
				Tully.....	5.09	Tully, v.....	0.71	.....	.....	.....
5587	6	3, 4	Syracuse—Fayetteville.....	De Witt.....	3.80	Syracuse, c.....	0.37	.....	5.12	.....
				Manlius.....	0.95	.....	.....	.....	.....	.....
5625	6	1	Fayetteville—Chittenango, Part 1..	Manlius.....	3.94	.....	.....	.....	.....	3.94
5630	{ 20 3, 4 } Pet. V.....		Woodsport—Jordan, Part 2.....	Elbridge.....	0.73	Jordan, v.....	1.03	.....	.....	1.76
SPECIAL HIGHWAYS					Towns.....	55.24	.....	45.82	4.75	4.67
9103	....	....	Owasco—Niles.....	Villages.....	.....	.....	5.56	4.53	.....	1.03
				Cities.....	.....	.....	1.33	0.96	0.37	.....
					Totals.....	55.24	.....	51.31	5.12	5.70
					Stancates.....	1.97	.....	1.97	.....	.....
					Towns.....	1.97	.....	1.97	.....	.....

ONTARIO COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	County	Miles
146 ¹	90	Geneva—Canandaigua, Part 1.....	5.62
187	301	Bristol.....	1.73
		Canandaigua.....	1.73
		Seneca.....	5.62

188 ²	227	Bristol Valley.....	{ East Bloomfield....	4.10	Holcomb, v....	0.35	4.83	....
			{ Bristol.....	0.38				....
189	336	East Side Lake, Part 2.....	Canandaigua.....	1.29			1.29	....
190	331	East Side Lake, Part 1.....	Gorham.....	2.37			2.37	....
191	228	Honeoye—Hamlock.....	Richmond.....	4.55			4.55	....
203 ³	328	{ Gorham—Stanley, Part 1.....	{ Gorham.....	2.18			2.18	....
204 ⁴	335	Naples—Atlanta.....	Naples.....	0.59			0.59	....
205 ⁵	337	Naples—Woodville.....	{ Naples.....	2.39			2.68	....
			{ South Bristol.....	0.19				....
206	329	Reeds Corners.....	{ Hopewell.....	0.61			2.67	....
			{ Gorham.....	2.06				....
207 ¹	330	{ Geneva—Canandaigua, Part 2.....	{ Hopewell.....	5.98			6.21	....
		{ Canandaigua.....	{ Canandaigua.....	0.23				....
333 ⁶	426	Geneva—Canandaigua, Part 3....	Geneva.....	1.13			1.13	....
334 ⁷	428	Lyns—Geneva.....	{ Geneva.....	1.37			1.69	....
			{ Phelps.....	0.32				....
335	427	Victor—Mendon, Part 1.....	Victor.....	5.20			5.20	....
396 ⁴	227	Bristol Valley, Part 2.....	Bristol.....	6.68			6.68	....
404 ⁴	227	Bristol Valley, Part 3.....	South Bristol.....	2.00			2.00	....
484	966, 1138...	Canandaigua—Victor.....	{ Canandaigua.....	3.41			6.79	....
			{ Farmington.....	3.38				....
485 ⁸	967	West Bloomfield—Honeoye Falls...	West Bloomfield....	3.76			3.76	....

¹ Included in State Route No. 6.
² 1.27 miles included in State Route No. 6 and 3.56 miles in Route No. 14.
³ Original contract 2.30 miles.
⁴ Included in State Route No. 14.
⁵ 2.04 miles included in State Route No. 14. Total length 3.45 miles. 0.97 mile in Yates county.
⁶ 0.02 mile included in State Route No. 6.
⁷ Included in State Route No. 12.
⁸ 0.17 mile included in State Route No. 6.
 • Exclusive of villages.

ONTARIO COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
607	1018.....	Manchester—Clifton Springs.....	Manchester.....	4.35	.....	.....	4.35	.....	.....
608	981.....	Phelps—Clifton Springs.....	Phelps.....	2.21	.....	.....	2.21	.....	.....
635 ¹	1036.....	Geneva—Halls Corners.....	Seneca.....	5.04	.....	.....	5.04	.....	.....
636	1036-A.....	Stanley—Geneva.....	Seneca.....	3.16	.....	.....	3.16	.....	.....
637	1017.....	Manchester—Victor.....	Farmington.....	5.30	.....	.....	5.30	.....	.....
638 ¹	1135.....	Geneva.....	Geneva.....	1.01	.....	.....	1.01	.....	.....
639	1040.....	Cheshire—McJannetta Hill.....	Canandaigua.....	7.04	.....	.....	7.04	.....	.....
662	1041, 3467..	Rushville—Gorham.....	Gorham.....	5.51	Rushville, v.	0.56	6.07	.....	.....
1139	V-286, 3030.	Clifton Springs Village: Kendall and East Main Streets.....	Manchester.....	.....	Clifton Spgs., v.	0.82	1.38	.....	.....
1196	2705.....	Gorham—Stanley, Part 2.....	Phelps.....	.....	Clifton Spgs., v.	0.56	1.89	.....	.....
1276	V-285.....	Victor Village: Cedar, W. Main and E. Main Sts.....	Victor.....	.....	Victor, v.	1.23	1.23	.....	.....
1277	V-308.....	Phelps Village: Main Street.....	Phelps.....	.....	Phelps, v.	1.52	1.52	.....	.....
1278	2422, 2553, 1037	Canandaigua—Orleans.....	Canandaigua.....	1.45	Canandaigua.....	.....	.....	8.63	.....
1294	3031.....	Manchester Village: State, Clifton and North Streets.....	Manchester.....	.....	.....	.....	.....	.....	.....
1415	2553, 1038..	Chapin—Palmyra, Part 1.....	Hopewell.....	1.84	Manchester, v.	1.38	1.38	.....	.....
			Manchester.....	.....	Shortsville, v.	0.45	.....	3.95	.....
			Manchester.....	0.74	Manchester, v.	0.92	.....	.....	.....

STATE HIGHWAYS.													
Route No.		Section											
5015	6	6	Canandaigua Village.....	Canandaigua.....	.....	Canandaigua, v.	1.18	1.18	.....	.....	88.34	11.21	8.68
5041	6	12	Lima—East Bloomfield, Part 2.....	West Bloomfield.....	2.40	.....	.....	2.40	.....	.....	7.79	6.42	1.37
5081	6	10, 11	Lima—East Bloomfield, Part 3.....	West Bloomfield.....	1.77	.....	.....	5.26	.....	.....	.....	.....	.....
5252	12	8-10	Geneva—Lyons, Part 2.....	East Bloomfield.....	2.90	E. Bloomfield, v	0.59	.....	.....	.....	.....	.....	.....
5323 ¹	12	1	Pon Yan—Halls Corners.....	Phelps.....	7.37	.....	.....	7.37	.....	.....	.....	.....	.....
5386	6	7	Canandaigua Village: West Avenue.....	Seneca.....	1.90	.....	.....	1.90	.....	.....	.....	.....	.....
5397	{ 14	3	{ Naples Village: Main Street.....	Canandaigua.....	.....	Canandaigua, v.	0.91	0.91	.....	.....	.....	.....	.....
5437	6-A	2	Phelps—Junius, Part 1.....	Naples.....	.....	Naples, v.....	1.74	1.74	.....	.....	.....	.....	.....
5473	{ 6	2	{ Geneva City: Hamilton Street.....	Phelps.....	3.72	.....	.....	3.72	.....	.....	.....	.....	.....
5511 ⁴	{ Pet. V-1166	2	{ Geneva City: Hamilton Street.....	Geneva.....	0.45	Geneva, c.....	0.85	1.30	.....	.....	.....	.....	.....
	14	10, 11	Ionias—Holcomb.....	West Bloomfield.....	1.71	.....	.....	.....	.....	.....	.....	.....	.....
				East Bloomfield.....	3.03	E. Bloomfield, v.	0.77	5.87	.....	.....	.....	.....	.....
				.....	.....	Holcomb, v.....	0.36	.....	.....	.....	.....	.....	.....
				East Bloomfield.....	0.97	.....	.....	.....	.....	.....	.....	.....	.....
5576	6	8	Holcomb—Canandaigua.....	Canandaigua.....	3.72	.....	.....	4.69	.....	.....	.....	.....	.....
Totals.....			108.23										

¹ Included in State Route No. 12.² Part in Yates county. Total length 8.15 miles.³ Original contract forfeited August 2, 1916. Completed by Division Engineer.⁴ Exclusive of villages.

ONTARIO COUNTY — Concluded

High- way No.	Route No.	Sec- tion	Name of highway	*Miles in town	City or village	Miles in city or vil- lage	Miles under con- struc- tion	Miles ap- proved and awaiting contract
5616	14	1	Cohocton—Naples, Part 2.....	2.26	.....	.....	.....	.....
5620	6	1	Geneva City: Lake Street.....	.....	Geneva, c.....	0.82	0.82	.....
	{		Pet. V-1201	.....	.....	.....	.....	.....
			Towns.....	32.20	.....	.....	32.20	.....
			Villages.....	.....	.....	5.55	5.55	.....
			Cities.....	.....	.....	1.67	1.67	.....
			Totals.....	32.20	.....	7.22	39.42	.....

ORANGE COUNTY

COUNTY HIGHWAYS.

Petition No.

42 ¹	13-A.....	Newburgh—Woodbury.....	New Windsor.....	3.88	.....	.....	.....	.....
			Cornwall.....	5.29	.....	.....	10.95	.....
			Woodbury.....	1.78	.....	.....	.....	.....
43	14.....	Cohocton Turnpike, Part 2.....	Newburgh.....	2.55	.....	.....	7.55	.....
			Montgomery.....	5.00	.....	.....	.....	.....
44	15-A.....	Goshen—Florida.....	Goshen.....	3.76	.....	.....	4.22	.....
			Warwick.....	0.46	.....	.....	.....	.....
45	18-A.....	Middletown—Pine Bush, Part 1.....	Crawford.....	6.41	.....	.....	9.25	.....
46 ²	20-A.....	Turners—Monroe.....	Wallkill.....	2.84	.....	.....	.....	.....
			Monroe.....	0.05	Harriman, v.....	0.86	1.51	.....
64	15-A.....	Walden—Scotts Corners.....	Montgomery.....	1.84	.....	.....	1.84	.....

65	15-A.....	Montgomery—Gothen.....	Montgomery.....	1.42	.....	.....	.....	7.95	.....
93*	15-A.....	Florida—Warwick.....	Warwick.....	4.45	.....	.....	.....	4.45	.....
95	154.....	Middletown—Gothen.....	Wawayanda.....	1.53	.....	.....	.....	5.76	.....
95-A	154.....	Middletown—Gothen.....	Wallkill.....	0.32	.....	.....	.....	.....	.....
113	14-A.....	Middletown—Gothen.....	Gothen.....	3.91	.....	.....	.....	.....	.....
114	18-A.....	Middletown—Pine Bush, Part 2.....	Gothen.....	0.11	.....	.....	.....	0.11	.....
115 ⁴	150.....	Central Valley—Turners.....	Newburgh.....	2.29	.....	.....	.....	2.29	.....
153	164, 257....	Newburgh—Campbell Hall.....	Wallkill.....	1.21	.....	.....	.....	1.21	.....
164 ⁷	17.....	Chester—Vails Gate.....	Woodbury.....	1.65	Harrison, V.....	0.52	.....	2.51	.....
166 ⁸	20-A.....	Chester—Gothen.....	Monroe.....	0.11	Harrison, V.....	0.23	.....	.....	.....
167 ⁹	13.....	Woodbury—Central Valley.....	Newburgh.....	0.70	.....	.....	.....	13.36	.....
169	18-A, 261...	Middletown—Slate Hill.....	New Windsor.....	8.22	.....	.....	.....	.....	.....
180	18-A, 261...	Slate Hill—Unkonoille.....	Hamptonburg.....	4.44	.....	.....	.....	.....	.....
181	256.....	Newburgh—Shawangunk.....	Chester.....	1.10	.....	.....	.....	11.43	.....
281*	288, 290....	West Point—Central Valley.....	Blooming Grove.....	6.65	.....	.....	.....	.....	.....
			Cornwall.....	3.02	.....	.....	.....	.....	.....
			New Windsor.....	0.06	.....	.....	.....	.....	.....
			Chester.....	0.48	.....	.....	.....	3.04	.....
			Gothen.....	2.56	.....	.....	.....	.....	.....
			Woodbury.....	3.48	.....	.....	.....	3.48	.....
			Wawayanda.....	3.49	.....	.....	.....	3.49	.....
			Wawayanda.....	2.17	.....	.....	.....	8.38	.....
			Ministink.....	6.21	.....	.....	.....	.....	.....
			Newburgh.....	8.61	.....	.....	.....	8.61	.....
			Highland.....	.....	.....	.....	.....	.....	.....
			Woodbury.....	.....	.....	.....	.....	.....	.....

¹ 1.02 miles included in State Route No. 3. ² Included in State Route No. 4. ³ Original plans, 4.67 miles. Reduced to 4.45 miles by relocation of postmiles.
⁴ 1.13 miles included in State Route No. 4 and 0.70 mile in State Route No. 39-B. ⁵ 1.36 miles included in State Route No. 4. ⁶ 0.47 mile included in State Route No. 4. ⁷ Original plans 11.49 mile, 11.25 built under No. 164, 0.09 mile additional under No. 164-A, 0.09 mile additional built and 0.08 mile of original/rebuilt under No. 164-B. ⁸ Built as part of State Highway No. 5328 on Route No. 4. ⁹ Esclave of village.

ORANGE COUNTY — Continued

County Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
282	10, 263.....	Greenville—Slate Hill.....	Greenville.....	3.40	.....	.....	7.13	.....
283	19, 263.....	Greenville—Port Jervis.....	Wawayanda.....	3.73	.....	.....	5.11	.....
312	260, 262....	Middletown—Cuddebackville, Pt. 1.	Greenville.....	3.00	.....	.....	4.38	.....
313*	260.....	Middletown—Cuddebackville, Pt. 2.	Deer Park.....	2.11	.....	.....	4.70	.....
313-A	260.....	Middletown—Cuddebackville, Pt. 2.	Wallkill.....	2.54	.....	.....	1.02	.....
382	234.....	Walden—Pine Bush.....	Mt. Hope.....	1.84	.....	.....	6.57	.....
411*	289, 757....	West Point—Cornwall.....	Mt. Hope.....	2.61	.....	.....	.....	.....
412*	660, 999....	Port Jervis—Sullivan Co. Line, Pt. 1.	Deer Park.....	2.09	.....	.....	.....	.....
413	155, 664....	Highland Mills—Monroe.....	Deer Park.....	0.56	.....	.....	.....	.....
414	729.....	Scotts Corners—Burnside.....	Montgomery.....	3.07	.....	.....	.....	.....
415*	147.....	Newburgh—Cornwall.....	Crawford.....	3.50	.....	.....	.....	.....
416*	681.....	Rockland County Line—Tuxedo....	Highland.....	.....	.....	.....	.....	.....
447	275.....	Warwick—Greenwood Lake.....	Cornwall.....	5.74	.....	.....	.....	.....
448	660.....	Port Jervis—Sullivan Co. Line, Pt. 2.	Woodbury.....	1.98	.....	.....	3.26	.....
449 ¹⁴	729.....	Burnside—Washingtonville.....	Monroe.....	1.28	.....	.....	5.54	.....
			Montgomery.....	3.89	.....	.....	3.01	.....
			Hamptonburg.....	1.65	.....	.....	5.89	.....
			New Windsor.....	1.66	.....	.....	5.86	.....
			Cornwall.....	1.35	.....	.....	8.68	.....
			Tuxedo.....	5.89	.....	.....	3.17	.....
			Warwick.....	5.86	.....	.....	.....	.....
			Deer Park.....	3.63	.....	.....	.....	.....
			Hamptonburg.....	1.94	.....	.....	.....	.....
			Blooming Grove.....	1.23	.....	.....	.....	.....

498 ⁷	757.....	West Point—Central Valley, Part 2.	Highland.....	.....	.....	.....	.....
499	1019.....	Middletown—Montgomery.....	Wallkill.....	7.03	.....	.....	.....
			Montgomery.....	2.15	.....	9.18	.....
	1155.....	Unionville—New Jersey Line.....	Ministink.....	0.30	.....	.....	.....
500 ⁸	983.....	New Hampton—Denton.....	Wayanda.....	0.66	.....	.....	4.75
	807.....	Greenwood Lake—Tuxedo Lake Pt. 1	Warwick.....	3.62	.....	.....	.....
			Tuxedo.....	0.17	.....	.....	.....
			Goshen.....	2.72	.....	.....	.....
501 ⁹	293.....	Goshen—Middletown.....	Wayanda.....	1.55	.....	.....	5.25
			Wallkill.....	0.98	.....	.....	.....
576	663.....	Montgomery—Bullville.....	Montgomery.....	2.92	.....	.....	7.51
			Crawford.....	4.59	.....	.....	.....
600 ¹⁰	20-A, 2247..	Monroe—Chester.....	Chester.....	2.73	.....	.....	3.55
			Blooming Grove.....	0.82	.....	.....	.....
605 ¹¹	168.....	Highland Lake—Fort Montgomery.	Highland.....	.....	.....	.....	.....
739 ¹²	1021, 1154..	Turner.....	Monroe.....	0.98	.....	.....	0.98
1329 ¹³	V-229.....	Goshen Village: S. Church, W. Main, Main Streets and Greenwich Ave.	Goshen.....	.....	3.70	.....	.....
1508	V-245, 3777.	Washingtonville Village.....	Blooming Grove.....	.....	Washingtonville	2.48	2.48
			Towns.....	206.01	.....	174.79	9.18
			Villages.....	.....	.....	7.79	5.31
			Cities.....	.....	.....	.....	.....
			Totals.....	206.01	.....	180.10	9.18

⁷ Original plans 5.16 miles. 0.28 at railroad omitted from construction and 0.18 reconstructed under contract 313-A.

⁸ Original contract awarded but inflection prevented construction.

Included in State Route No. 3 and built as No. 5498.

⁹ 2.33 miles included in State Route No. 3-A.

¹⁰ 2.63 miles included in State Route No. 3. Original contract 3.37 miles. 0.36 mile at R. R. omitted.

¹¹ 0.63 mile included in State Route No. 39-B.

¹² Built as part of State Highway No. 5328 on Route No. 4.

¹³ Original plans 5.85 miles. Cedar Hill Cemetery-County Line (1.10 miles). Portion No. 7889 built as part of State Highway No. 5176.

¹⁴ 2.63 miles included in State Route No. 4.

¹⁵ Part not on approved County System. Original plans 5.06 miles; 1.51 miles included in State Route No. 4 and built as No. 5144.

¹⁶ Original plans 2.04 miles. Included in State Route No. 3 and constructed as No. 5490. 0.66 mile included in State Route No. 39-B.

¹⁷ Original contract forfeited May 1, 1916. ¹⁸ Original contract forfeited. Completed by Department Forces. ¹⁹ Exclusive of villages.

ORANGE COUNTY — Continued

STATE HIGHWAYS.

High- way No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or vil- lage	Miles under con- struc- tion	Miles ap- proved awaiting contract
5007	3	16	Newburgh—Cedar Hill Cemetery...	Newburgh.....	3.28	.....	.....	3.28	.....
5144	4	17	Monroe—Oxford.....	Monroe.....	0.46	Monroe, v.....	1.80	3.31	.....
5176 ¹	3	7	Marlboro—County Line.....	Blooming Grove.....	1.05	.....	.....	.....	.....
5210	3	7	Marlboro—County Line.....	Newburgh.....	1.10	.....	.....	1.10	.....
5210-A ²	4	17	Middletown—Bloomingburg.....	Wallkill.....	6.78	.....	.....	6.78	.....
5210-B ³	4	8	Oxford—Chester.....	Blooming Grove.....	0.76	.....	.....	.....	.....
5297	4	1	West Point—Central Valley.....	Chester.....	2.07	Chester, v.....	1.11	3.94	.....
5328 ⁴	4	2	West Point—Central Valley.....	Highland.....	6.29	Highland Falls.....	0.66	11.19	.....
5328-B ⁵	4	4	West Point—Central Valley.....	Woodbury.....	4.24	.....	.....	.....	.....
5328-A ⁴	4	1	West Point—Central Valley.....	Highland.....	0.90	.....	.....	0.90	.....
5490 ⁶	3	1	Highland Lake—Fort Montgomery.....	Highland.....	1.48	.....	.....	1.48	.....
5498 ⁵	3	8	Cornwall—West Point, Part 1.....	Cornwall.....	1.18	Cornwall, v.....	0.09	.....	1.27
5572 ²	3	6, 7	Cornwall—West Point, Part 2.....	Cornwall.....	0.49	.....	.....	.....	2.76
5573 ⁴	3	5	Cornwall—West Point, Part 3.....	Highland.....	0.87	.....	.....	.....	.....
5591	3	10	Newburgh—Cornwall.....	West Point.....	1.80	.....	.....	.....	1.17
				New Windsor.....	0.19	.....	.....	0.38	.....
				Cornwall.....	0.19	.....	.....	.....	.....
				Towns.....	33.90	.....	.....	28.79	5.11
				Villages.....	.....	.....	3.66	3.57	0.09
				Cities.....	.....	.....	.....	.....	.....
				Totals.....	33.90	.....	3.66	32.36	5.20

ORLEANS COUNTY

COUNTY HIGHWAYS.

Petition
No.

386	599.....	Five Corners—Kuckville, Part 1.....	Gaines.....	3.47	.....	3.47	.....
387	601.....	Five Corners—Kuckville, Part 2.....	Carlton.....	5.69	.....	5.69	.....
388	594.....	Kendalls Corners.....	Kendall.....	3.42	.....	3.42	.....
389	598.....	Maple Ridge, Part 1.....	Shelby.....	3.08	.....	3.08	.....
390	598.....	Maple Ridge, Part 2.....	Shelby.....	2.79	.....	2.79	.....
391	596.....	Clarendon—Holley (and Clarendon— Genesee Co. Line, Pt. 1).....	Clarendon.....	4.54	.....	4.54	.....
392	593.....	Oak Orchard, Part 1.....	{ Albion.....	1.50	.....	3.34	.....
393	600.....	Oak Orchard, Part 2.....	{ Barre.....	1.84	.....	3.61	.....
394	602.....	Oak Orchard, Part 3.....	Gaines.....	3.61	.....	3.24	.....
395	597.....	Medina—Alabama.....	Carlton.....	3.24	.....	5.40	.....
398*	595.....	County Line.....	{ Shelby.....	5.40	.....	2.77	.....
578†	{ 964.....	Albion—Eagle Harbor Quarry.....	{ Kendall.....	2.75	.....	.....	1.56
579	{ 963.....	Albion—Annis Corners.....	{ Murray.....	0.02	.....	.....	.....
580	965.....	Barre Center—West Barre.....	Albion.....	1.56	.....	.....	.....
	960, 3336...	Fancher—Brookville.....	Barre.....	4.63	.....	4.63	.....
			Murray.....	2.86	.....	2.86	.....

* Total length 2.18 miles. 1.08 miles in Ulster county.

† 0.66 mile cancelled; 0.48 mile re-let as No. 5210-A and 0.18 mile as No. 5210-B.

miles in West Point Reservation omitted from original plans and built as 5322-A. Original contract 11.20 miles; 2.05 miles in Highland and 4.24 miles in West Point Reservation omitted and re-let as No. 5322-B.

* On U. S. Military Reservation.

† Part on U. S. Military Reservation.

* One-half in Monroe county. Actual length 5.53 miles. Original contract 5.55 miles.

† Original plans 4.67 miles. Petition No. 963 (1.13 miles) built as State Highway No. 5432. Petition No. 964 (3.49 miles); 0.93 mile built as State Highway

No. 5409.

* Original plans 1.87 miles. Decrease due to change in location.

† Original contract 0.27. Increase due to change in location.

* Exclusive of village.

ORLEANS COUNTY — Concluded

ORLEANS COUNTY 1 — Continued

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
581	957, 2904, 3327	Yates—Lyndonville—Ridgeway	{ Yates Ridgeway	3.82 2.64	Lyndonville, v.	0.99	7.45	...	...
582 ¹	961	Holley-Ridge Road	Murray	2.46	...	...	2.46	...	...
588 ²	962	Monroe—Orleans County Line	Murray	1.04	...	...	1.04	...	...
688	1674	Auger	Kendall	1.58	...	...	...	...	1.58
1293	3338	Maple Ridge, Part 3	Shelby	0.90	Medina, v.	0.90	1.80	...	...
1429	1834	Barre Center—Elba, Part 1	Barre	4.82	...	...	...	...	4.82
1430	V-326, 3591	Albion Village: Main Street	{ Albion Gaines	...	Albion, v.	1.17	1.32	...	...
				...	Albion, v.	0.15	...	...	...
			Towns	67.66	...	...	59.70	...	7.96
			Villages	...	...	...	3.21	...	...
			Cities	...	...	...	...	...	...
			Totals	67.66	...	...	62.91	...	7.96

STATE HIGHWAYS.

Route No.	Section	
5025	30	2 Albion St.—Holley
5118	30	3 Holley—Albion, Part 2
5315	{ 30 11 Pet. V-1104	{ Medina Village Ridgeway
5421	{ 30 1 Pet. V-1161	{ Holley—Brockport, Part 1 Murray
5422	{ 30 4 Albion—Fancher	{ Albion Murray

3.43

2.40

2.24

2.46

1.28

2.40

0.52

2.91

1.12

0.99

STATE HIGHWAYS.

Route No.	Sec- tion
30	2
30	3
{ 30 11 Pet. V-1104	1
{ 30 1 Pet. V-1161	1
30	4

3254	30	12	Hartland—Medina, Part 2.....	Ridgway.....	6.02	.....	6.02	.....	.....
5448	{ 30	5	Albion Village: West and East Ave's	Albion.....	.....	Albion, v.....	1.84	.....	.....
	{ Pet. V-1191 }								
5469*	30	6-10	Medina—Albion.....	{ Ridgway.....	3.74	Medina, v.....	0.09	.....	.....
				{ Albion.....	5.16			8.95	.....
5556	30	* 201	Ridgway—Gaines, Part 1.....	Ridgway.....	0.17	.....	.....	0.17	.....
5603	30	* 101	Middleport—Medina, Part 2.....	{ Shelby.....	1.78	.....	.....	.....	3.72
				{ Ridgway.....	1.22	Medina, v.....	0.72	.....	.....
			Towna.....	27.34	.....	.....	24.34	.....	3.00
			Villages.....	.....	.....	.....	6.29	5.57	0.72
			Cities.....	.....	.....	.....	.....	.....	.....
			Totals.....	27.34	.....	.....	6.29	29.91	3.72

OSWEGO COUNTY

COUNTY HIGHWAYS.

	Petition No.								
278*	579.....	Syracuse—Watertown.....	Hastings.....	2.41	.....	.....	2.41	.....	..
279	114, 1334...	West Oswego River.....	Minetto.....	2.48	.....	.....	2.48	.....	.....
280 ⁷	254.....	Oswego—Sterling.....	Oswego.....	1.65	.....	.....	1.65	.....	.....
370	788.....	Minetto.....	Minetto.....	0.48	.....	.....	0.48	.....	.....

* Original plans 5.07 miles. Petition No. 958 (1.51 miles) built as State Highway No. 5025. Petition No. 959 (1.01 miles) built as State Highway No. 5421.
 † One-half in Monroe county. Actual length 2.08 miles.

‡ Original contract forfeited.

§ Section one of Spur Two. See App. C.

|| Section one of Spur One. See App. C.

¶ Included in State Route No. 31.

• Included in State Route No. 30.

• Exclusive of villages

OSWEGO COUNTY — Concluded

COUNTY HIGHWAYS

Highway No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
450	778.....	Phoenix—Pennellville.....	Schroepfel.....	1.92	.....	.....	1.92	.....
451 ¹	1334.....	Minetto—Fulton.....	Minetto.....	1.99	.....	.....	1.99	.....
509 ²	770, 2820..	Oswego—Mexico, Part 1.....	Scriba.....	5.40	.....	.....	5.40	.....
539	769, 1439..	Fulton—Volney.....	Volney.....	2.09	.....	.....	2.09	.....
653	1303, 1419..	Granby Roads.....	Granby.....	5.06	.....	.....	5.06	.....
654 ²	2203.....	Oswego—Mexico, Part 2.....	New Haven.....	5.33	.....	.....	5.33	.....
661	{ 1005..... 2194.....	Oswego: West Fifth Street.....	Minetto.....	1.26	.....	.....	3.58	.....
746 ²	{ 2194..... 2484.....	Fruit Valley.....	Oswego.....	2.32	.....	.....	1.11	.....
		Carleys Mills—Parish.....	Parish.....	1.11	.....	.....	3.70	.....
772	1304.....	Fulton—Hannibal.....	{ Granby..... Granby.....	{ 3.66 3.33	Fulton, e.....	{ 0.04.....	.....	.....
825	1333.....	Fulton—Oswego.....	Granby.....	3.33	.....	.....	5.91	.....
826	1524, 2720..	Pulaski—Orwell.....	{ Richland..... Orwell.....	{ 4.34 1.57	.....	.....	5.67	.....
972	2486, 2899..	Pulaski—Williamstown, Part 2.....	Albion.....	3.46	Altmar, v.....	2.21	.....	.....
973	2202.....	Volney—Palermo.....	{ Volney..... Palermo.....	{ 1.44 3.77	.....	.....	5.21	.....
1046	1007.....	Sterling—Oswego, Part 2.....	Oswego.....	2.80	.....	.....	2.80	.....
1047	V-186, 3032.	Fulton City: West First Street.....	Fulton, e.....	.....	.....	3.10	3.10	.....
1126	V-223, 3410.	Pulaski Village: Mill Street.....	Richland.....	.....	Pulaski, v.....	0.90	0.90	.....
1137	V-287, 3034.	Oswego City: West First Street.....	.....	.....	Oswego, e.....	1.43	1.43	.....
1138	V-247, 3409.	Phoenix Village: Volney Street.....	Schroepfel.....	.....	Phoenix, v.....	0.65	0.65	.....
1243	2281, 3105..	Central Square—Constantina, Pt. 1. { Hastings.....	{ Hastings..... West Monroe.....	{ 0.72 4.14	Central Sq., v.....	0.54	5.40	.....

1244	1356, 2367, 3544	Phoenix—Mexico, Part 2	Schroepel	5.20	5.20
1245	2750, 3033..	Fulton—Hannibal, Part 2	Hannibal	2.83	3.66
1287	2858, 3314..	Pulaski—Williamstown, Part 3	Williamstown	7.75	7.75
1288	2801, 2486, 3589	Pulaski—Williamstown, Part 1	Richland	1.47	5.11
1413	Hastings—Parish	Albion	2.59
1427	{ V-364, 3715, 3676..... }	Fulton—Volney, Part 1	Hastings	0.07	2.04
1428	3716, 3427..	Sandy Creek—Smartville	Parish	1.21
			Volney	0.34	0.55
			Sandy Creek	2.04
			Sandy Creek
			Boyleston	2.88	6.36
Towns.....				89.11	84.19
Villages.....				6.04
Cities.....				4.78
Totals.....				89.11	13.16	95.91
						6.36
5044	30	7 Mexico—Union Square, Part 1	Mexico	2.03	Mexico, v.....	3.49
5082	30	6 Mexico—Union Square, Part 2	Mexico	2.91	2.91
5083	30	5 Union Square—Pulaski, Part 1	Mexico	1.16	2.61
5171	30	13 Southwest Oswego—Fruit Valley	Richland	1.45	2.01
			Oswego	2.01

¹ 0.69 mile, flooded by the Barge canal, cancelled from original contract and built by the State Engineer.

² Included in State Route No. 30.

³ Original plans 1.53 miles; 0.41 mile included in State Route No. 28 and built as No. 5528.

⁴ Exclusive of villages.

OSWEGO COUNTY — Concluded

STATE HIGHWAYS

Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5221	30	4	Union Square—Pulaski, Part 2.....	Richland.....	4.06	Pulaski, v.....	0.63	4.69	....	....
5250	33	2	Central Square—Union Square, Pt. 1.....	Hastings.....	5.89	Central Sq., v.....	1.11	7.00	....	....
5251	34	3	Fulton—Three Rivers, Part 1.....	Volney.....	3.48	Fulton, c.....	0.77	4.25	....	....
	{ 30 1-3									
	{ Pet. V-1069									
5275			Pulaski—Sandy Creek.....	{ Richland.....	1.06	Pulaski, v.....	1.39	8.15	....	....
				{ Sandy Creek.....	4.31	Sandy Creek, v.....	1.39			
5276	34	4	Fulton—Three Rivers, Part 2.....	Schroppel.....	4.65	Phoenix, v.....	1.52	6.17	....	....
	{ Pet. V-1099									
5352	34	1	Fulton—Oswego.....	{ Volney.....	5.66	Fulton, c.....	0.95	10.85	....	....
				{ Scriba.....	1.84					
	{ Pet. V-1147					Oswego, c.....	2.40			
5408	34	2	Fulton City: East First Street.....			Fulton, c.....	0.36	0.36	....	....
	{ Pet. V-1173									
5415	33	3	Central Square—Union Square, Pt. 2.....	{ Hastings.....	0.88			5.79	....	....
				{ Mexico.....	4.91					
5486	28	6	Oswego City: West Seneca and West Bridge Streets.....			Oswego, c.....	1.14	1.14	....	....
	{ Pet. V-1112									
5487	30	10	Oswego City: East 9th and Oneida Streets and State Road.....			Oswego, c.....	1.47	1.47	....	....
	{ Pet. V-1184									
5524	28	5	Parish—Camden, Part 1.....	{ Mexico.....	0.94	Oswego, c.....	1.47	4.78	....	....
				{ Parish.....	2.67	Parish, v.....	1.17			

5638	28	3.4	Parish—Camden, Part 2.....	{ Parish. Amboy.....	4.02 1.61	.....	.....	5.63	.....
			Towns.....	55.54	.....	.....	.....	55.54	.....
			Villages.....	8.67	.....	8.67	.....	8.67	.....
			Offices.....	7.09	.....	7.09	.....	7.09	.....
			Totals.....	55.54	.....	15.76	.....	71.30	.....

OTSEGO COUNTY

COUNTY HIGHWAYS

Petition No.

162 ¹	201.....	Onesonta.....	.....	Onesonta, c.....	0.06	.....	1.39	.....
219	374.....	Richfield Springs—Cherry Valley... Richfield.....	1.33 0.68	.....	.....	.....	0.68	.....
220 ²	376, 524.....	Worcester.....	0.98	.....	.....	.....	0.98	.....
221	375, 1391...	Edmeston.....	0.50	.....	.....	.....	0.50	.....
314	425, 532...	Gilbertsville—Mt. Upton..... Butternuts.....	4.37 .....	.....	.....	.....	4.37	.....
315	528.....	Morris—Gilbertsville, Part 1..... Morris.....	3.53 .....	.....	.....	.....	3.53	.....
316 ¹	530-A.....	Colliersville—Emmons..... Onesonta.....	1.26 .....	.....	.....	.....	1.26	.....
317 ¹	530-B.....	Shady Side—Otego..... Onesonta.....	2.70 .....	.....	.....	.....	2.70	.....
318 ²	529.....	Colliersville—Milford Center..... Milford.....	2.03 .....	.....	.....	.....	2.03	.....
319 ¹	527.....	Schenenvus—Maryland..... Maryland.....	3.65 .....	.....	.....	.....	3.65	.....
674 ⁴	{ 751, 754, 1012, 1336 }	Milford Center—Milford..... Milford..... Middlefield.....	6.21 0.28 .....	.....	.....	.....	6.49	.....

¹ Included in State Route No. 7.² 0.71 mile included in State Route No. 7.³ Included in State Route No. 5.⁴ 6.90 miles included in State Route No. 5.⁵ Exclusive of villages.

OTSEGO COUNTY — Continued

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
675 ^s	755, 1013...	Otego—Oneonta.....	{ Otego..... Oneonta..... }	{ 3.34 0.37 }	Oneonta, c.....	0.28	3.99	.....	.....
676	537, 538....	Otego—Wilkeys Corners.....	Otego.....	2.01	.....	.....	2.01	.....	.....
677	526, 1011...	Edmeston—West Burlington—Kelsey Corners.....	{ Edmeston..... Burlington..... }	{ 2.21 1.80 }	.....	.....	4.01	.....	.....
678	1323.....	Morris—Gilbertsville, Part 2.....	Butternuts.....	2.64	.....	.....	2.64	.....	.....
708 ¹	1305.....	Sidney—Unadilla.....	Unadilla.....	4.27	.....	.....	4.27	.....	.....
781	532, 2715...	Gilbertsville Village.....	Butternuts.....	.....	Gilbertsville, v.....	0.80	0.80	.....	.....
782 ^s	2716.....	Otego Village.....	Otego.....	.....	Otego, v.....	0.43	0.43	.....	.....
783 ⁴	1336, 2714..	Millford Village.....	Millford.....	.....	Millford, v.....	0.68	0.68	.....	.....
784	534, 1403...	Cooperstown—Three Mile Point...	Otego.....	3.12	.....	.....	3.12	.....	.....
785 ^s	{ 525, 1324, 2564..... }	Richfield Springs—Schuyler Lake...	Essex.....	1.72	.....	.....	.....	1.72	.....
788	1404.....	Cherry Valley—Roseboom.....	{ Cherry Valley..... Roseboom..... }	{ 2.43 1.33 }	.....	.....	3.76	.....	.....
787 ¹	2532.....	East End.....	Essex.....	0.33	Oneonta, c.....	0.47	0.47	.....	.....
833	2563, 2566..	West Essex—West Winfield.....	{ Plainfield..... Springfield..... }	{ 5.10 1.41 }	.....	.....	5.43	.....	.....
934	540, 753....	East Springfield—Cherry Valley...	{ Cherry Valley..... Maryland..... }	{ 2.97 3.83 }	Cherry Valley, v.....	0.52	4.90	.....	.....
935	1406.....	Schenenrus—Westford, Part 1.....	Westford.....	4.15	.....	.....	3.83	.....	.....
936	1406.....	Schenenrus—Westford, Part 2.....	Westford.....	4.15	.....	.....	4.15	.....	.....

987	2567, 2970..	Kelsey Corners—West Exeter.....	Burlington.....	5.00	.....	.....	.....	6.43	.....
			Plainfield.....	0.12	.....	.....	.....	.....	.....
			Exeter.....	1.31	.....	.....	.....	.....	.....
1147	1406, V-176.	Schenevus Village: Elk Street.....	Maryland.....	.....	Schenevus, v.....	0.20	.....	0.20	.....
1302*	{ 2842, 2807, 2816, 1411 }	{ Morris—Oneonta.....	{ Morris.....	3.02	Morris, v.....	1.03	.....	.....	12.66
			Laurens.....	5.24	.....	.....	.....	.....	.....
			Oneonta.....	3.27	.....	.....	.....	.....	.....
1303	3427.....	Unadilla Forks—Bridgewater.....	Plainfield.....	2.52	.....	.....	.....	2.52	.....
1408	{ 1403, 1341, 533.....	{ Three Mile Point—Springfield Cen- ter—Warren.....	{ Otsego.....	2.43	.....	.....	.....	.....	8.13
1409 ¹	{ V-342, 3523, 2562.....	{ Richfield Springs—Winfield, Pts. 1 and 2.....	{ Springfield.....	5.70	.....	.....	.....	.....	.....
1485	2805.....	Worcester—Decatur.....	Richfield.....	6.53	Richfield Spgs..	1.34	.....	7.87	.....
			Worcester.....	1.68	.....	.....	.....	.....	4.09
			Decatur.....	2.41	.....	.....	.....	.....	.....
			Towns.....	109.88	.....	.....	.....	77.78	28.29
			Villages.....	.....	.....	.....	.....	5.00	2.63
			Cities.....	.....	.....	.....	.....	0.81	0.81
			Totals.....	109.88	.....	.....	.....	5.81	81.22
					.....	.....	.....	28.66	5.81
5037	5	13 Richfield Springs—Schuyler Lake.....	Richfield.....	3.26	.....	.....	.....	3.50	.....
5138	7	18 Oneonta—Colliers, Part 4.....	Exeter.....	0.24	.....	.....	.....	.....	.....
			Millford.....	1.36	.....	.....	.....	1.36	.....

¹ Included in State Route No. 7. ² Included in State Route No. 7. Original contract 4.39 miles. Portion at R. R. omitted. ³ 0.12 mile included in State Route No. 7. ⁴ 0.33 mile included in State Route No. 6. ⁵ Included in State Route No. 6. Original plans 5.23 miles; 3.61 miles built as State Highway No. 5037. ⁶ Original contract forfeited May 31, 1916. ⁷ 0.40 mile included in State Route No. 5. ⁸ Included in State Route No. 7. ⁹ Final accounts never closed. ¹⁰ Exclusive of village.

STATE HIGHWAYS

Route No. Section

OTSEGO COUNTY—Concluded

STATE HIGHWAYS. High- way No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
5153	7	8, 9	Wells Bridge—Otego.....	Unadilla.....	0.23	.....	.....	4.61	.....	.....
5202	{ 7 Pet. V-1058 }	2	Unadilla Village.....	Unadilla.....	3.07	Otego, v.....	1.31	.....	.....	.....
5229	7	3	Unadilla—Wells Bridge.....	Unadilla.....	4.71	Unadilla, v.....	1.93	1.93	.....	.....
5240 } 5240-A }	7 1	19	Colliers—Maryland.....	Milford.....	1.48	.....	.....	4.71	.....	.....
5247 * 5247-A	{ 7 Pet. V-1056 }	21, 22 24, 26	Schenevus—Schoharie County Line.....	Maryland Worcester.....	4.20 9.07	.....	.....	5.68	.....	.....
5445	5	7, 8	Milford—Cooperstown.....	Milford.....	0.61	Milford, v.....	0.42	12.22	.....	.....
5455 *	5	1	Davenport Center—Oneonta.....	Hartwick.....	4.56	.....	.....	7.78	.....	.....
5465 *	23	1	West Winfield—Bridgewater.....	Otego.....	2.19	.....	.....	.....	.....	.....
5624	{ 5 Pet. V-1210 }	14, 15	Richfield Springs Village: Church, Prospect and Bronner Streets.....	Oneonta.....	2.42	Oneonta, c.....	0.08	2.50	.....	.....
				Plainfield.....	1.53	.....	.....	1.53	.....	.....
				Richfield.....	0.38	Richfield Sp., v.	0.66	1.04	.....	.....
				Towns.....	41.46	.....	.....	41.46	.....	.....
				Villages.....	.....	.....	5.32	5.32	.....	.....
				Cities.....	.....	.....	0.08	0.08	.....	.....
				Totals.....	41.46	.....	5.40	46.86	.....	.....

PUTNAM COUNTY

County Highways

	Petition No.								
569	251.....	Baldwin Place—Mahopac.....	Carmel.....	5.90	.....	5.90	.....	.....	.....
570	251.....	Carmel—Kent.....	{ Carmel.....	1.33	.....	5.02	.....	.....	.....
585*	251.....	Towners Corners—County Line.....	{ Kent.....	3.69	.....	4.25	.....	.....	.....
798	251, 1891...	Kent—Towner.....	Patterson.....	4.25	.....	2.82	.....	.....	.....
909 ⁴	1167, 2055..	Brewster—Carmel.....	{ Southeast.....	2.63	Brewster, v....	0.39	.....	.....	.....
909-A	1166.....	Putnam Valley—Tompkins Corners.....	{ Carmel.....	1.54	.....	4.56	.....	.....	.....
974 ⁷	1163, 2536..	Carmel—Mahopac.....	Putnam Valley.....	6.42	.....	6.42	.....	.....	.....
1221	2956.....	Brewster—Connecticut State Line.....	Carmel.....	2.55	.....	2.55	.....	.....	.....
1455	3697, 2535..	Westchester County Line—Mahopac Falls—Mahopac Lake.....	Southeast.....	3.41	.....	3.41	.....	.....	.....
1512	3637.....	Patterson—Dutchess County Line.....	Carmel.....	3.33	.....	3.33	.....	.....	.....
1513	.....	.....	Patterson.....	1.61	.....	1.61	.....	.....	.....
		Towns.....	.....	39.48	.....	34.54	.....	.....	.....
		Villages.....	.....	.....	.....	0.39	.....	.....	.....
		Cities.....	.....	.....	.....	.....	.....	.....	.....
		Totals.....	.....	39.48	.....	0.39	.....	34.93	.....
5006	1	Croton Falls—Brewster.....	Southeast.....	1.80	.....	1.80	.....	.....	.....
5098	{ 1 3 Pet. V-1044 }	Brewster Village.....	Southeast.....	.....	Brewster, v....	1.14	.....	1.14	.....

* Original contract cancelled. Re-let as No. 5240-A. † Original contract cancelled. Re-let as No. 5247-A. ‡ Total length 7.89 miles. Part in Delaware co.
 ‡ Total length 3.96 miles; 1.17 miles in Herkimer county and 1.26 miles in Oneida county.
 § 0.73 mile included in State Route No. 1.
 ¶ Original contract 4.56 miles; 0.10 mile at grade crossing in town of Southeast cancelled and re-let as No. 909-A, under which 0.03 additional was rebuilt.
 • Accepted by Commission but final payment awaiting court decision.
 • Exclusive of villages.

STATE HIGHWAYS

Route Sec-
tion
No.

PUTNAM COUNTY — Concluded

STATE HIGHWAYS.

Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles under construction	Miles approved and awaiting contract
5147 ¹	2	1	Peekskill—Fishkill, Part 1.....	Phillipstown.....	1.74	.....	.....	1.74	.....
5149	2	4, 5	Peekskill—Fishkill, Part 4.....	Phillipstown.....	4.17	.....	.....	4.17	.....
5156	2	3	Peekskill—Fishkill, Part 3.....	Phillipstown.....	4.35	.....	.....	4.35	.....
5203	1	4	Brewster—Patterson.....	{ Southeast. Patterson.....	4.62 5.18	.....	.....	9.80	.....
5387	2	2	Fishkill—Peekskill, Part 2.....	Phillipstown...	2.38	.....	.....	2.38	.....
5438	1	2	Croton Falls—Brewster, Part 2....	Southeast..	1.64	.....	.....	1.64	.....
					Towns.....	.....	.....	25.88	.....
					Villages.....	.....	1.14	1.14	.....
					Cities.....	.....	.....	.....	.....
					Totals.....	.....	1.14	27.02	.....

RENSSELAER COUNTY

COUNTY HIGHWAYS

Petition No.

10 ¹	48-A.....	Troy—Brunswick, Part 1.....	Brunswick.....	0.48	.....	.....	0.48	.....	.....
11	49-A.....	Troy—Greenbush, Part 1.....	{ North Greenbush... Brunswick.....	0.63 3.06	.....	Troy, c.....	0.40	.....	.....
25 ²	48.....	Troy—Brunswick, Part 2.....	Brunswick.....	3.06	.....	.....	.....	3.06	.....
26	49-A.....	Troy—Greenbush, Part 2.....	North Greenbush...	2.59	.....	.....	.....	2.59	.....
55	54.....	Hoags Corners.....	Nassau.....	3.15	.....	.....	.....	3.15	.....

77	136, 347	Albia—Wynantkill.....	{ Brunswick.....	0.18	.....	.....	1.50	.....
84*	190	Troy—Brunswick, Part 3.....	{ North Greenbush... 1.32	.....	.....	.....	2.46	.....
102	50	Barracks.....	Brunswick.....	2.46	.....	.....	2.05	.....
194*	348-A	Sand Lake—Troy.....	East Greenbush... 2.05	.....	.....	.....	1.49	.....
			Sand Lake..... 1.47	.....	.....	.....		.....
			Poestenkill..... 0.02	.....	.....	.....		.....
105	384	Wynantkill—West Sand Lake.....	Sand Lake..... 1.16	.....	.....	.....	4.01	.....
			Poestenkill..... 0.64	.....	.....	.....		.....
			North Greenbush... 2.21	.....	.....	.....		.....
196	203	East Nassau.....	Nassau..... 3.02	.....	.....	.....	3.02	.....
197*	377	Brick Church—Rock Hollow.....	Brunswick..... 3.33	.....	.....	.....	3.33	.....
200	291	Old Northern Turnpike.....	Hoosick..... 2.75	.....	.....	.....	2.75	.....
201	347	Troy—Poestenkill.....	{ North Greenbush... 0.75	.....	.....	.....	3.60	.....
			Poestenkill..... 2.85	.....	.....	.....		.....
			East Greenbush... 4.04	.....	.....	.....		.....
202*	308, 309	Boston—Albany.....	{ Schodack..... 1.38	.....	.....	.....	5.42	.....
			Brunswick..... 3.10	.....	.....	.....		.....
227*	307	Brunswick Turnpike.....	Sand Lake..... 3.61	.....	.....	.....	3.10	.....
284	513	Averill Park—Crooked Lake.....	Nassau..... 3.62	.....	.....	.....	3.61	.....
285 ⁷	514	Nassau—Brainard.....	{ North Greenbush... 1.35	.....	.....	.....	3.62	.....
287	386	Rensselaer—Best.....	East Greenbush... 3.40	.....	.....	.....	4.75	.....
			Poestenkill..... 3.40	.....	.....	.....		.....
288	407	Troy—Sand Lake, Part 2.....	{ North Greenbush... 0.32	.....	.....	.....	3.72	.....
439*	1004	East Nassau—Brainard.....	Nassau..... 3.78	.....	.....	.....	3.78	.....

¹ Total length 3.63 miles. Part in Westchester county.
² Original length 1.00 mile; 0.32 mile reconstructed as No. 5393.

³ Included in State Route No. 22.

⁴ 1.73 miles included in State Route No. 42.

⁵ Included in State Route No. 1.

⁶ 0.19 mile included in State Route No. 42.

⁷ Original contract 3.54 miles. 0.08 mile additional built by special agreement. Included in State Route No. 21.

⁸ 2.06 miles included in State Route No. 21.

⁹ 0.04 mile included in State Route No. 21.

* Exclusive of villages.

Included in State Route No. 21.

RENSSELAER COUNTY — Continued

COUNTY HIGHWAYS	Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting construction
477		{	405.....	Valley Falls—Tomhannock.....	Pittstown.....	2.30	.....	6.43	.....	.....
			971.....	Valley Falls—Johnsonville.....	Pittstown.....	2.52	.....		
			982-A.....	Valley Falls—Schaghticoke.....	Schaghticoke.....	0.84	.....		
			982-B.....	Schaghticoke—Johnsonville, Pt. 1..	Schaghticoke.....	0.77	.....		
478 ¹		{	406, 673...	Haynesville—Raymertown.....	Brunswick.....	1.64	.....	3.21	.....	.....
			402, 671....	Hoosick—North Hoosick.....	Pittstown.....	1.57	.....		
490 ¹			982-C.....	Troy—Speigletown.....	Hoosick.....	6.35	.....	6.35	.....	.....
504			1184.....	Schodack Center—Nassau.....	Schaghticoke.....	1.60	.....	1.60	.....	.....
536 ²			672.....	Spring Avenue: Troy—Poestenkill..	Schodack.....	5.19	.....	5.19	.....	.....
571		{	385.....	Couse—Luther.....	Brunswick.....	2.44	.....	2.61	.....	.....
			189, 716...	Rensselaer—DeFreestville.....	North Greenbush... 0.17	.....	.....	
583			512.....	Eagle Mills—Cluna Corners.....	East Greenbush... 3.40	.....	.....	3.40	.....	.....
594 ²			404.....	Brunswick Center—Lausburgh.....	Brunswick.....	2.25	.....	2.25	.....	.....
631 ⁴			159.....	W. Stephentown—Stephentown Ctr.	Brunswick.....	5.07	.....	5.07	.....	.....
659			159.....	Stephentown Center—Massachusetts.	Stephentown.....	4.14	.....	4.14	.....	.....
679			1887, 1888.	Wyantakill — DaFreestville — Winter Street.....	Stephentown.....	3.92	.....	3.92	.....	.....
680			V-123.....	Nassau Village.....	North Greenbush... 4.10	.....	.....	4.10	.....	.....
765			2973.....	Speigletown—Melrose.....	Nassau.....	0.29	.....	0.29	.....	.....
949			189.....	DaFreestville—Couse.....	Schaghticoke.....	2.55	.....	2.55	.....	.....
980			981-A.....	Troy City: Pawling Avenue.....	East Greenbush... 3.14	.....	.....	3.14	.....	.....
981			V-205, 3163.	Troy City: Oil Mill Hill.....	Troy, C.....	0.51	.....	0.51	.....	.....
1049			V-208-207..	Troy City: Oil Mill Hill.....	Troy, C.....	1.58	.....	1.58	.....	.....

1115	* 2719, 3384,	Castleton—Rensselaer, Part 2.....	{ East Greenbush... 2.74	.....	.....	.....	.....	.....	.....
1115-A	85.....			Rensselaer, c... 0.97 }	.....	3.71	.....	.....	.....
1116	7 670, 1183,	Castleton—Rensselaer, Part 1.....	Schockack..... 3.35	.....	.....	.....	.....	.....	.....
1116-A	2854.....				.....	4.51	.....	.....	.....
1119	* 3164, V-280,	Troy City: Spring Avenue.....	.....	.....	.....	.....	.....	.....	.....
1119-A					.....	1.71	.....	.....	.....
1120	3235, V-233,	Troy City: Winter Street.....	.....	.....	.....	0.34	.....	.....	.....
1121	3162, V-215,	Rensselaer City: Washington Ave...	.....	.....	.....	1.65	.....	.....	.....
1122	2169.....	West Stephentown—Alps.....	Nassau..... 2.70	.....	.....	2.70	.....	.....	.....
1123	{ V-233, 3230,	Troy City—Leveress Road.....	{ Brunswick..... 0.34	.....	.....	0.51	.....	.....	.....
	3232, 3234.. }		{ Schaghticoke..... 0.04	.....	.....	.....	.....	.....	.....
1154	2290, 2395..	Spring Av., Troy—Poestenkill Pt. 2.	Poestenkill..... 0.88	.....	.....	0.88	.....	.....	.....
1194	V-214, 3160.	Rensselaer City: High Street.....	.....	.....	.....	0.39	.....	.....	.....
1421	3465, 3466..	Center Berlin—Petersburg.....	Berlin..... 4.74	.....	.....	.....	7.20	.....	.....
1422	3586, V.....	Castleton—East Schockack, Part 1..	Petersburg..... 2.46	.....	.....	.....	.....	.....	.....
1423	{ 3579, 2394,	Speigletown—Tomhannock Reserv't	Schockack..... 1.43	.....	.....	0.73	.....	.....	6.34
	2803, 2972.. }		Schaghticoke..... 4.91	.....	.....	.....	.....	.....	.....
1424	{ 3463, 3466,	Stone Schoolhouse—North Peters-	Pittstown..... 1.73	.....	.....	.....	.....	.....	4.95
	2896..... }	burg—Vermont State Line.....	Hoosick..... 3.22	.....	.....	.....	.....	.....	.....
1425	2963.....	Melrose—Schaghticoke Hill.....	Peterburg..... 2.97	.....	.....	.....	2.97	.....	.....
1426	2974.....	Whitehouse B'dge—Vermont State L.	Schaghticoke..... 3.80	.....	.....	.....	.....	.....	3.80
			Hoosick.....	.....	.....	.....	.....	.....	.....
		Towns.....	155.61	.....	.....	180.35	10.17	.....	15.09
		Villages.....	.....	.....	.....	2.18	.....	.....	.....
		Cities.....	.....	.....	.....	7.69	.....	.....	.....
		Totals.....	155.61	.....	.....	9.87	140.22	10.17	15.09

* Included in State Route No. 22.

* 1.31 miles included in State Route No. 1.

* 1 combined in State Route No. 2. Original plans 2.73 miles; 0.67 mile built

as No. 3119 and 2.06 miles as No. 5333.

* Included in State Route No. 1.

* Original contract cancelled. Re-let as No. 981-A.

* 1.1 miles cancelled. Items combined with No. 1115-A and re-let as No. 1115-A.

* 0.77 mile cancelled. Items combined with No. 1115-A and re-let as No. 1115-A.

* Original contract cancelled. Re-let as No. 1119-A.

* Exclusive of villages.

RENSSELAER COUNTY — Concluded

State Highways	Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5029	1	3		Schodack Center—Valatie, Part 2..	Schodack.	2.78			2.78		
5040	22	9		Hoosick Falls Village.....	Hoosick		Hoosick Falls, v.	1.53	1.53		
5084	{	1, 2	Pet. V-23	Schodack Center—Valatie, Part 3..	Schodack.	2.90			2.90		
5107	{	1, 7	Pet. V-1015	Rensselaer City: Columbia Street..			Rensselaer, c...	0.39	0.39		
5108	21	14		Brainard Station.....	{ Nassau.....	0.05			0.40		
5163	{	21, 11	Pet. V-1045	Nassau Village.....	{ Stephentown.....	0.35					
5196	21	3		DeFreestville—South.....	Nassau.....		Nassau, v.....	0.41	0.41		
5222	42	5		Crooseville—Grafton.....	{ North Greenbush... 0.47				0.67		
5278	{	21, 5, 6	1	West Sand Lake—Averill Park.....	{ East Greenbush... 0.20						
5278-A	42	1		Troy City: Brunswick Turnpike....	{ Brunswick... 1.46				5.93		
5310	{	22, 6, 7	Pet. V-1125	Raymertown—Hoosick, Part 2.....	{ Grafton... 4.47						
5354	22	1		Troy City: Hoosick Street.....	Sand Lake.....	3.66			3.66		
5393	{	22, 1	Pet. V-1169	Troy City: Hoosick Street.....			Troy, c.....	0.95	0.95		
5478	42	6		Grafton—Petersburg.....	Hoosick	5.11			5.11		
5479	22	5		Raymertown—Hoosick, Part 1.....			Troy, c.....	0.52	0.52		
5533	21	1, 2		Rensselaer—Defreestville.....	{ Grafton... 3.12						
					{ Petersburgh... 3.22				6.34		
					{ Pittstown... 6.18				6.18		
					{ East Greenbush... 2.01				2.11		
					{ Rensselaer, c... 0.10						

Towns.....	35.98	.....	.....	35.98	.....
Villages.....	.....	.....	1.94	.....	.....
Cities.....	.....	.....	1.96	.....	.....
Totals.....	35.98	.....	3.90	39.88	.....

ROCKLAND COUNTY

COUNTY HIGHWAYS

Petition No.									
90	22.....	Grassy Point.....	Stony Point.....	2.83	.....	.....	.....	2.83	.....
91*	23-A.....	Nyack Turnpike.....	Ramapo.....	3.90	.....	.....	.....	3.90	.....
593*	1764.....	Highland Lake—Tompkins Cove...	Stony Point.....	5.82	.....	.....	.....	5.82	.....
689*	24, 1765...	Spring Valley—Knappa Corners....	Clarkstown.....	3.53	.....	.....	.....	3.53	.....
690	1768.....	Monsey—Egypt Corners.....	Ramapo.....	4.25	.....	.....	.....	4.25	.....
728*	1769.....	State Line—Orangeburg.....	Orangetown.....	2.82	.....	.....	.....	2.82	.....
928*	2082.....	Knappa Corners—Nyack.....	.....	.....	.....	.....	.....	.....	.....
1019	1767.....	Spring Valley—Mount Ivy.....	Ramapo.....	4.47	.....	.....	.....	4.47	.....
1295	3538.....	Nyack—Rockland Lake.....	Orangetown.....	.....	Nyack, v.....	0.56	.....	2.96	.....
1448	3723.....	Suffern—Mount Ivy.....	Clarkstown.....	1.46	Upper Nyack, v.	0.94	.....	.....	.....
1502	3737.....	Short Clove.....	Ramapo.....	7.61	Suffern, v.....	0.98	.....	8.59	.....
1514	3768.....	West Haverstraw—Stony Point, Pt. 2	Haverstraw.....	0.24	.....	.....	.....	0.24	.....
			Stony Point.....	0.42	.....	.....	.....	.....	0.42
			Towns.....	37.35	.....	.....	.....	36.93	0.42
			Villages.....	.....	.....	2.48	.....	2.48	.....
			Cities.....	.....	.....	.....	.....	.....	.....
			Totals.....	37.35	.....	2.48	.....	39.41	0.42

*Original contract cancelled. Re-let as No. 5278-A.

*Included in State Route No. 39-B.

*Included in State Route No. 3.

*40.08 mile included in State Route No. 3.

*Built as State Highway No. 5178.

*Included in State Route No. 39-B.

*Original plans 3.57 miles. Portion

omitted and included in No. 5804.

*Exclusive of villages.

ROCKLAND COUNTY—Concluded

Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5002	3	5	Congere—Long Clove.....	Clarkstown.....	1.61	.....	.....	1.61	.....	.....
5165	3	6	Long Clove—Haverstraw.....	{ Haverstraw.....	.....	Haverstraw, v.	1.94	2.16	.....	.....
5178	39-B	2	Knapps Corners—Nyack.....	Clarkstown.....	0.22	.....	.....	.....	.....	.....
5388 ¹	39-B	6	Suffern Village; Hilburn Village.....	{ Ramapo.....	2.20	.....	.....	2.20	.....	.....
5389	3	7	Haverstraw—West Haverstraw.....	{ Ramapo.....	.....	Suffern, v.	1.10	.....	.....	.....
5428 ¹	39-B	4	Spring Valley Village.....	{ Ramapo.....	.....	Hilburn, v.	1.05	2.15	.....	.....
5504 ²	39-B	3	Dykes Crossing.....	{ Haverstraw.....	.....	Haverstraw, v.	0.95	.....	.....	.....
5512	3	1, 3	New Jersey State L.—Nyack, Pt. 1, 3	{ Haverstraw.....	.....	W. Haverstraw.	0.61	1.56	.....	.....
				Ramapo.....	0.39	Spring Valley, v.	1.00	1.00	.....	.....
				Clarkstown.....	2.39	Piermont, v.	1.36	0.39	.....	.....
				Orangetown.....	.....	.....	.....	.....	.....	3.75
				Towns.....	6.81	.....	.....	6.81	.....	.....
				Villages.....	.....	.....	8.01	4.26	.....	3.75
				Cities.....	.....	.....	.....	.....	.....	.....
				Totals.....	6.81	.....	8.01	11.07	.....	3.75
SPECIAL HIGHWAYS.										
9000	.....	.....	Spring Valley—Suffern.....	Ramapo.....	4.31	.....	.....	4.31	.....	.....
9005	.....	.....	Coyles Corners—Short Clove.....	Clarkstown.....	7.30	.....	.....	7.30	.....	.....
9006	.....	.....	Pearl River—Nanuet.....	{ Orangetown.....	2.50	.....	.....	.....	.....	.....
				{ Clarkstown.....	1.25	.....	.....	3.75	.....	.....
				Towns.....	15.36	.....	.....	15.36	.....	.....

ST. LAWRENCE COUNTY

COUNTY HIGHWAYS.

	Petition No.							
821*	975, 1091...	Massena—Waddington, Pts. 1—4...	{	Louisville.....	8.01	.....	.....	8.62
				Massena.....	0.61	.....	.....	.....
732	1068, 1073..	Ogdensburg—Canton, Part 1.....	{	Oswegatchie.....	4.17	.....	.....	8.79
				Lisbon.....	4.62	.....	.....	.....
733	1083, 1088..	Ogdensburg—Canton, Part 2.....	{	Lisbon.....	2.69	.....	.....	8.01
				Canton.....	5.32	.....	.....	.....
734	1053, 1055..	Potsdam—Parishville, Part 1.....	{	Potsdam.....	2.08	.....	.....	5.11
				Parishville.....	3.03	.....	.....	.....
735	1056, '98, '99	Potsdam—Colton.....	{	Colton.....	1.13	.....	.....	7.82
				Pierrepont.....	5.04	.....	.....	.....
				Potsdam.....	1.65	.....	.....	.....
875	1112.....	Elmdale—Gouverneur.....	{	Gouverneur.....	5.71	.....	.....	5.71
876	1113.....	Brasie Corners—Elmdale.....	{	Macomb.....	3.79	.....	.....	3.79
878	1071.....	Ogdensburg—Morristown, Part 1...	{	Oswegatchie.....	6.73	.....	.....	6.73
966	1095.....	Madrid—Waddington, Part 2.....	{	Waddington.....	4.05	.....	.....	4.05
967	74.....	Norwood—Norfolk.....	{	Norfolk.....	3.35	.....	.....	3.35
968	1075, 2992..	Ogdensburg—Morristown, Part 2...	{	Morristown, v..	2.57	.....	1.49	4.06
969	1076.....	Morristown—Hammond, Part 1....	{	Morristown.....	6.52	.....	.....	6.52
970	1077.....	Morristown—Hammond, Part 2....	{	Hammond.....	9.33	.....	0.93	10.26
970-A				Parishville.....	4.00	.....	.....	4.00
1031	1053.....	Potsdam—Parishville, Part 2.....	{	Potsdam.....	3.82	.....	1.28	5.37
1032	1059, 3176..	Potsdam—Norwood.....	{	Norfolk.....	.....	.....	0.27	.....
1033	V-173.....	Ogdensburg City: Canton & State Sta.	{	Ogdensburg, c..	.....	.....	1.00	1.00

* Original contract forfeited.

* Grading and clearing eliminated.

* 0.60 mile included in State Route No. 32.

* Original contract 10.26 miles; 3.39 miles cancelled and re-let as No. 970-A.

* Exclusive of villages.

ST. LAWRENCE COUNTY — Continued

Highway No.	County Highways	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1108		V-197.....	Potsdam Village.....	Potsdam.....	.....	Potsdam, v.....	2.19	2.19	.....	.....
1125		V-248, 3405.	Waddington Village.....	Waddington.....	.....	Waddington, v.....	1.24	1.24	.....	.....
1126		2852.....	Canton—Pierrepont.....	Canton.....	5.47	.....	.....	7.89	.....	.....
1168		1103, 1104..	Hermion—Russell.....	Pierrepont.....	2.42	.....	.....	.....	.....	.....
1261		{ 3578, 1092, V-322	Massena—Helena, Part 1.....	Hermion.....	0.88	Hermion, v.....	0.90	6.43	.....	.....
1262		{ 1096, 1097..	Madrid—Waddington, Part 1.....	Russell.....	4.65	.....	.....	5.66	.....	.....
1263		{ 3576, 3577, V-333, 1110, 1111	Gouverneur—Edwards, Part 1.....	Massena.....	5.14	Massena, v.....	0.52	.....	.....	.....
1264		1114.....	Brasie Corners—Edwardville.....	Madrid.....	5.07	.....	.....	5.07	.....	.....
1265		{ 1092, 1093, 3575	Massena—Helena, Part 2.....	Gouverneur.....	1.07	Gouverneur, v.....	1.38	10.85	.....	.....
1266		1105.....	De Kalb Junction—Hermion.....	Fowler.....	8.40	.....	.....	.....	.....	.....
1267		3636.....	Canton Village: West Main Street.....	Masomb.....	9.03	.....	.....	9.03	.....	.....
1268		1074, 1072..	De Peyster—Ogdensburg.....	Massena.....	2.86	.....	.....	5.48	.....	.....
1269		3576.....	Gouverneur—Edwards, Part 2.....	Brasher.....	2.62	.....	.....	3.09	.....	.....
				De Kalb.....	3.09	.....	0.43	0.43	.....	.....
				Canton.....	.....	Canton, v.....	.....	.....	11.16	.....
				De Peyster.....	3.70	.....	.....	.....	.....	.....
				Oswegatchie.....	6.53	Heuvelton, v.....	0.93	.....	.....	.....
				Edwards.....	4.60	.....	.....	.....	4.60	.....
				Towns.....	153.75	.....	.....	138.92	14.83	.....
				Villages.....	.....	.....	11.56	10.63	0.93	.....
				Cities.....	.....	.....	1.00	1.00	.....	.....
				Totals.....	153.75	.....	12.56	150.55	15.76	.....

ST. LAWRENCE COUNTY — Concluded

High- way No.	Route No.	Sec- tion	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
5509	32	2	Winthrop—North Lawrence	{ Stockholm..... Brasher..... Lawrence..... Waddington, Part 2..	0.40 1.00 4.41 5.65	..... ..... ..... Waddington, v.	..... ..... 1.00	5.81	.....	.....
5535	32	15, 16	Ogdensburg—Waddington, Part 2..	{ Louisville..... Massena..... Waddington..... Louisville.....	7.30 1.05 3.40 4.63	..... ..... Waddington, v.	..... ..... 1.09	8.35	9.12	.....
5536	32	9-11	Waddington—Massena, Part 2.....							
5612	32	12-14	Waddington—Massena, Part 1.....							
FEDERAL AID HIGHWAYS										
8004	....	....	Nicholville—St. Regis Falls, Part 1.	Hopkinton.....	3.48	.....	.....	.....	.....	3.48
				Towns.....	3.48					3.48

SARATOGA COUNTY

COUNTY HIGHWAYS
Petition No.

12 ¹	Waterford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
39 ²	Waterford—Mechanicsville, Part 1..	Waterford.....	.....	.....	1.51	.....	.....	1.51	.....	.....
58	Glens Falls—Saratoga, Part 1.....	Moreau.....	.....	.....	6.06	.....	.....	6.06	.....	.....
59	Waterford—Mechanicsville, Part 2..	Half Moon.....	.....	.....	5.03	.....	.....	5.03	.....	.....
240	Waterford—Cohoes.....	Waterford.....	.....	.....	1.00	.....	.....	1.00	.....	.....

241 ¹	284.....	Saratoga—Ballston.....	{ Saratoga Springs... Milton.....	3.67 0.69	.....	4.36	.....
242	146.....	Saratoga—Glens Falls, Part 2.....	Wilton.....	1.25	.....	1.25	.....
243	76.....	Mechanicville—Stillwater.....	Stillwater.....	1.84	.....	1.84	.....
244 ⁴	285.....	Saratoga—Schuylerville.....	Saratoga.....	6.01	.....	6.01	.....
340	145.....	Saratoga—Corinth.....	Greenfield.....	7.25	.....	7.25	.....
441	565.....	Saratoga—Glens Falls, Parts 4 and 5 {	Wilton.....	6.00	.....	8.32	.....
442	553.....	Saratoga—Gansevoort, Part 1.....	Moreau.....	2.32	.....	6.14	.....
443 ⁵	{ 554..... 558..... 559.....	{ Saratoga—Greenfield..... Saratoga—Schuylerville, Part 2..... Saratoga—Glens Falls, Part 3.....	{ Saratoga Springs... Saratoga Springs... Greenfield.....	{ 1.78 3.76 0.72	.....	{ 6.26..........	.....
610	557, 633....	Mechanicville—Malta.....	{ Stillwater..... Malta.....	{ 3.59 .....	.....	{ 7.41.....	.....
611	560, 633....	Malta—Saratoga.....	{ Malta..... Malta.....	{ 3.67 4.38	.....	{ 6.64.....	.....
741	508, 2125...	Saratoga—Corinth, Part 2.....	Saratoga Springs...	2.26	.....	.....	.....
815	{ 820, 1160, V-67.....	{ Corinth—Hadley..... Corinth—Hadley.....	{ Corinth..... Corinth, v.....	{ 4.06 2.41	.....	{ 4.06 0.80	.....
816 ⁶	825.....	Galway—West Galway.....	Hadley.....	3.02	.....	6.23	.....
817	817.....	Scotch Church—Blue Corners.....	Galway.....	.....	.....	.....	.....
818 ⁷	2257.....	Ballston Town Line—Scotch Church	Charlton.....	3.57	.....	3.57	.....
			Charlton.....	0.92	.....	.....	0.92

¹ Plans never approved by the Board of Supervisors. This number is therefore void.

² Original plans 1.74 miles; 0.27 mile omitted and built as No. 842.

³ Included in State Route No. 25.

⁴ 5.29 miles included in State Route No. 25.

⁵ 3.79 miles (Net. 538) included in State Route No. 25.

⁶ Board of Supervisors rescinded approval Feb. 14, 1913.

⁷ Original plans 5.23 miles. 4.31 miles included in State Route No. 37-A and built as No. 5542.

⁸ Exclusive of villages.

SARATOGA COUNTY — Concluded

COUNTY HIGHWAYS.

High-way No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
819 ¹	820, 1160...	Ballston—Charlton Town Line.....	{ Milton..... Ballston..... }	1.88	.....	.....	.....	.....	1.88
842	77.....	Waterford—Mechanicville, Part 1..	Waterford.....	0.27	.....	.....	0.27	.....	.....
941 ²	V-112.....	Mechanicville Village.....	Stillwater.....	.....	.....	.....	.....	.....	.....
1117	2118, 2452..	Rexford Flats—Wait Corners— Groom Corners.....	Clifton Park.....	6.10	.....	.....	.....	6.10	.....
1143	V-156.....	Saratoga Springs Village: South Broadway and Maple Avenue....	.....	.....	Saratoga Sp., c.	1.30	1.30	.....	.....
1183	3421.....	Round Lake—Maltaville.....	Malta.....	1.16	.....	.....	1.16	.....	.....
1345	3606.....	Mechanicville—Clifton Park.....	Half Moon.....	5.74	.....	.....	.....	5.74	.....
1460	{ 1320, 1517, 562, 3729... }	Gansevoort—South Glens Falls....	{ Northumberland... Moreau..... }	{ 1.08 5.52 }	S. Glens Falls, v.	0.14	.....	6.74	.....
1461	{ 556, 563, 3408..... }	Schuylerville—Gansevoort.....	{ Saratoga..... Northumberland... }	{ 0.44 8.62 }	.....	.....	.....	.....	9.06
		Towns.....	113.72	.....	.....	.....	83.42	18.44	11.86
		Villages.....	.....	.....	.....	0.94	0.80	0.14	.....
		Cities.....	.....	.....	.....	1.45	1.45	.....	.....
		Totals.....	113.72	.....	.....	2.39	85.67	18.58	11.86

STATE HIGHWAYS	Route No.	Section							
5062 ¹	25	13	Ballston-Ballston Lake, Part 1....	{ Milton.....	.....	Ballston Spa, v.	0.77	2.90	.....
				{ Ballston.....	1.69	Ballston Spa, v.	0.44	.....	.....
5085	25	14	Ballston-Ballston Lake, Part 2....	Ballston.....	4.51	.....	.....	4.51	.....
5205	43	2	Stillwater-Schuylerville, Part 1....	Stillwater.....	5.38	.....	.....	5.38	.....
5230	43	3	Stillwater-Schuylerville, Part 2....	Saratoga.....	6.41	Victory Mills, v.	1.11	7.52	.....
	{ 43	{ 4	Schuylerville Village.....	Saratoga.....	.....	Schuylerville, v.	1.03	1.03	.....
5277	{ Pet. V-1123	39	1 Ballston Lake-High Mills.....	Ballston.....	1.77	.....	.....	1.77	.....
5261	{ 43	{ 1	Stillwater Village.....	Stillwater.....	.....	Stillwater, v....	1.30	1.30	.....
5313	{ Pet. V-1133								
5519 ⁴	37-B	1, 2	Malta-Ballston Spa.....	{ Malta.....	1.98	.....	.....	3.88	.....
				{ Ballston.....	1.90	.....	.....	.....	.....
5534	37-A	2	Ballston Spa-Scotch Church, Pt. 1	{ Milton.....	1.55	.....	.....	.....	.....
				{ Ballston.....	2.46	Ballston Spa, v.	0.33	4.98	.....
5542 ⁵	37-A	3	Ballston Spa-Scotch Church, Pt. 2	Charlton.....	0.64	.....	.....	.....	.....
5592	37-A	1	Ballston Spa Village: High Street....	{ Milton.....	4.51	.....	.....	4.51	.....
				{ Ballston.....	.....	Ballston Spa, v.	0.12	.....	0.24
5598	{ 25	{ 2	South Glens Falls Village: Saratoga Avenue and Main Street.....	Moreau.....	.....	So. Glens Falls.	1.10	1.10	.....
5639 ⁶	25	16, 17	Ballston Lake-Crescent, Part 2....	{ Clifton Park.....	2.66	.....	.....	.....	6.37
				{ Half Moon.....	3.71	.....	.....	.....	.....
				Towns.....	39.17	.....	.....	32.80	6.37
				Villages.....	.....	.....	6.32	6.08	0.24
				Cities.....	.....	.....	.....	.....	.....
				Totals.....	39.17	.....	6.32	38.88	6.61

¹ Original plans 4.05 miles. 3.07 miles included in State Route No. 37-A and built as No. 5524. 1.33 miles of balance not on approved system.

² Final resolution rescinded with the approval of the Commission.

³ Original contract for 2.73 miles omitted 0.19 mile partly at grade crossing.

0.15 mile was built under supplemental agreement.

⁴ Original contract forfeited July 3, 1916, 0.17 mi. omitted from original contract, built by R. R. and maintained by State.

⁵ Original contract mileage 4.56, reduced through change of alignment.

⁶ Not yet approved by Commission. * Exclusive of villages.

SCHENECTADY COUNTY

COUNTY HIGHWAYS	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles approved and awaiting contract
1 ¹	6, 55.....	Troy—Schenectady, Part 1.....	{ Niskayuna.....	1.40	Schenectady, c.	0.60	2.00	.....
70 ²	58.....	Crane Street.....	.....	.....	.....	.....	.....	.....
73 ³	89.....	Quaker Street, Part 1.....	Duanesburg.....	1.15	.....	.....	1.15	.....
105 ⁴	191.....	Quaker Street, Part 2.....	Duanesburg.....	0.35	.....	.....	0.35	.....
106	219.....	Quaker Street, Part 3.....	Duanesburg.....	0.13	.....	.....	0.13	.....
163 ⁵	187.....	Broadway—Fort Hunter.....	Rotterdam.....	1.71	.....	.....	1.71	.....
179	185.....	Schenectady—Albany.....	{ Rotterdam.....	1.18	.....	.....	2.36	.....
407 ¹	55, 926.....	Troy—Schenectady, Part 2.....	{ Niskayuna.....	1.18	.....	.....	3.03	.....
577 ⁶	{ 186, 681, 930, 993.....	Schenectady—Guiderland.....	Rotterdam.....	7.06	.....	.....	7.06	.....
640	927.....	Rotterdam Junction—Pattersonville.....	{ Rotterdam.....	3.78	.....	.....	3.96	.....
641	57, 927.....	Schenectady—Rotterdam Junction.....	Princeton.....	0.18	.....	.....	.....	.....
788 ⁹	360, 928, 998	South Schenectady—Mariaville.....	Rotterdam.....	4.70	.....	.....	4.70	.....
789	991.....	Mariaville—Montgomery County L.	{ Rotterdam.....	4.98	.....	.....	7.20	.....
793	2460.....	Schenectady—Vischers Ferry.....	Princeton.....	2.22	.....	.....	.....	.....
880 ⁷	929.....	Schenectady—Duanesburg, Part 1.....	Duanesburg.....	5.75	.....	.....	5.75	.....
1028	1203.....	Esperance—Esperance Station.....	Niskayuna.....	2.34	.....	.....	2.34	.....
1029 ⁷	1205, 1604..	Central Bridge—Quaker Street, Pt. 2	Duanesburg.....	2.79	.....	.....	2.79	.....
1172	3446, V-229.	Schenectady—Thomas Corners.....	Duanesburg.....	1.37	.....	.....	1.37	.....
1338	3501.....	Scotia—Saratoga County Line, Pt. 1.	Duanesburg.....	4.16	.....	.....	4.16	.....
1453	3503.....	Vischers Ferry—Niskayuna.....	Glenville.....	1.49	Schenectady, c.	0.66	2.15	.....
1454	1605.....	Duanesburg—Esperance.....	Glenville.....	4.02	Scotia, v.....	0.20	4.22	.....
			Niskayuna.....	1.94	.....	.....	1.94	.....
			Duanesburg.....	6.33	.....	.....	6.33	.....

1482	3509	Pattersonville—Scotch Church.	Rotterdam.....	0.24	.....	.....	.....	3.42
			Princetown.....	2.57	.....	.....	.....
			Duanesburg.....	0.61	.....	.....	.....
			Towns.....	66.66	.....	56.91	6.33	3.42
			Villages.....	.....	0.20	0.20	.....	.....
			Cities.....	.....	1.26	1.26	.....	.....
			Totals.....	66.66	1.46	58.37	6.33	3.42
5030 ¹⁰	6	4, 6 Scotia—Wyatts	Glenville.....	2.04	.....	2.04	.....	.....
5110	6	5, 7 Wyatts—Hoffman	Glenville.....	5.36	.....	5.36	.....	.....
5132	6	3 Scotia Village	Glenville.....	.....	1.27	1.27	.....	.....
5314	39	1 Scotia—High Mills	Glenville.....	5.45	.....	5.45	.....	.....
5496	39	2 Scotia Village: Ballston Avenue....	Glenville.....	.....	0.90	0.90	.....	.....
5545 ¹¹	7-A	4, 5 Schenectady—Duanesburg, Part 2..	Princetown.....	3.96	.....	.....	5.62	.....
5551	7-A	6 Duanesburg—Quaker Street.....	Duanesburg.....	1.66	.....	3.34	.....	.....
			Towns.....	21.81	.....	16.19	5.62	.....
			Villages.....	.....	2.17	2.17	.....	.....
			Cities.....	.....	.....	.....	.....	.....
			Totals.....	21.81	2.17	18.36	5.62	.....

¹ Included in State Route No. 42.

² Included in Schenectady city limits after plans were approved. Could not then be fully constructed.

³ Original contract 1.18 miles. 153 feet at the R. R. omitted from construction.

⁴ Included in State Route No. 7-A.

⁵ 0.58 mile included in State Route No. 7-A.

⁶ 0.03 mile included in State Route No. 6.

⁷ Included in State Route No. 7-A.

⁸ Original contract forfeited September 20, 1915, and re-awarded November 20, 1915, forfeited September 8, 1916, and re-awarded September 26, 1916.

⁹ Original contract 7.32 miles. Due to change in alignment, actual mileage built 7.20.

¹⁰ Original construction 2.08 miles. 9.05 mile reconstructed under Contract 5110.

¹¹ Exclusive of villages.

SCHOHARIE COUNTY

COUNTY HIGHWAYS		Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ex- pected and awaiting contract
1215	Highway No.	3266	Central Bridge—Sloansville	Schoharie	0.73			4.16		
1234		{ 3267 V-324 }	{ Richmondville—Summit	Esperance	3.43					
				Richmondville	0.87	Richmondville	1.27	49.8		
				Summit	2.84					
1347		3263	Gilboa—Conesville	Gilboa	1.18			4.41		
				Conesville	3.23					
1467		3527	Cobleskill—Sharon Springs, Part 2.	Richmondville	1.29					5.25
1472		3266	Sloansville—Charleston, Part 1.	Seward	3.96					1.84
				Esperance	1.84					
				Towns	19.37			12.28		7.09
				Villages			1.27	1.27		
				Cities						
				Totals	19.37		1.27	13.55		7.09

STATE HIGHWAYS		Route No.	Sec- tion	Name of highway	Town	Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ex- pected and awaiting contract
5030 ¹		7	9	West Berne—Gallupville	Wright	3.34			3.34		
5086		7	7, 8	Gallupville—Vrooman	Wright	1.85			5.05		
5195		7	6	Vrooman—Howes Cave	Schoharie	3.20			5.05		
5286 } 5286-A }		7	5	Howes Cave—Cobleskill	Schoharie	5.05			5.05		
5343 ²		5	1	Grand Gorge—Stamford—Harpers- field	Cobleskill	3.85	Cobleskill, v	0.85	4.70		
				Gilboa	Gilboa	2.65			2.65		

5444	38	1	Schoharie—Middleburg.....	{ Schoharie.....	0.84	Schoharie, v....	1.45	5.58	.....
				{ Middleburg.....	2.62	Middleburg, v.	0.67		.....
5453	{ 7	1-3	Cobleskill—West Richmondville.....	{ Cobleskill.....	0.08	Cobleskill, v....	0.44	8.91	.....
	{ Pet. V-1106			{ Richmondville.....	6.59	Richm'dville, v.	1.80		.....
5494 ¹	{ 38	1	Schoharie Village: Main Street.....	{ Schoharie.....	.....	Schoharie, v....	0.70	0.70	.....
	{ Pet. V-1196								.....
5569	38-A	4	Sharon Springs—Sharon.....	{ Sharon.....	4.68	Sharon Sp'gs, v.	0.11	4.79	.....
5577 ²	38	4, 5	Middleburg—Breakabeen.....	{ Middleburg.....	0.76	.....	.....	7.95	.....
				{ Fulton.....	7.19	.....	.....		.....
5619	7-A	1	Central Bridge—Quaker St., Part 1.	{ Schoharie.....	2.31	Schoharie.....	.....	2.73	.....
				{ Esperance.....	0.42	.....	.....		.....
				Towns.....	45.43	.....	.....	37.48	7.95
				Villages.....	.....	.....	6.02	6.02	.....
				Cities.....	.....	.....	.....	.....	.....
				Totals.....	45.43	.....	6.02	43.40	7.95

SCHUYLER COUNTY

COUNTY HIGHWAYS
Petition
No.

999	2753, 3061..	Montour Falls—Alpine, Part 2.....	{ Montour.....	1.66	.....	.....	6.68	.....
			{ Catharine.....	3.95	Odessa, v.....	1.07		.....
1005	2651.....	Tyrone—Reading.....	{ Tyrone.....	6.55	.....	.....	6.55	.....

¹ Total length 2.98 miles. Part in Albany county.
² Original contract 4.76 miles; 0.65 mile of grade crossing cancelled. Alignment changed and 0.59 mile built as No. 5286-A.
³ Total length 12.00 miles. Part in Delaware county.
⁴ Accepted but final payment refused.
⁵ Original contract forfeited October 30, 1916.
⁶ Exclusive of villages.

SCHUYLER COUNTY — Concluded

COUNTY HIGHWAYS		Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
Highway No.										
1128		3092.....	Tyrone Town Line—North Reading	Reading.....	1.04			1.04		
1190*		3414.....	Watkins—Salt Point.....	Reading.....	1.00	Watkins, v.....	0.15	1.15		
1231 ¹		3515.....	Townsend—Watkins.....	Dix.....		Watkins, v.....				
1232		2760, V-155.	Montour Falls—Alpine, Part 1.....	Montour.....	0.17	Montour Fla., v.	0.94	1.11		
1233		{ 2758.....	Alpine—Cayuta, Part 1.....	{ Catharine.....	0.02			0.98		
		{ 3091.....								
1320		3286.....	Mecklenburg—Perry City.....	Hector.....	0.96			2.75		
1420		3198.....	Bradford—Tyrone.....	Orange.....	2.75			3.01		
				Towns.....	21.11			18.10	3.01	
				Villages.....			2.16	2.16		
				Cities.....						
				Totals.....	21.11		2.16	20.26	3.01	
5047		12	4 Watkins—Montour Falls.....	{ Dix.....	0.59	Montour Fla., v.	0.08	1.63		
				{ Montour.....		Montour Fla., v.	0.36			
5160		{ 12	3 Montour Falls.....	Montour.....	0.17	Montour Fla., v.	1.39	1.56		
		{ Pet. 1040								
5208 ²		12	1 Horseheads—Montour Falls.....	Montour.....	3.18			3.18		
5205 ²		{ 45	Watkins—Bennettsburg.....	{ Dix.....		Watkins, v.....	1.14	4.38		0.77
		{ 46								
5334 ⁴		12	7, 9, 10 Watkins—Yates County Line.....	Hector.....	2.75	Burdett, v.....	1.26			
5334-A				Reading.....	7.44				7.44	

STATE HIGHWAYS

Route No. Section.

5335	{ 12 5, 0 } Pet. V-1103	Watkins Village; Franklin Street...	{ Dix Reading.....	.....	Watkins, v.....	1.08	1.75	.....
5432*	30-A	1 Horseheads—Cayuta.....	Cayuta.....	1.12	.....	.....	1.12	.....
5432-A	30-A	2 Cayuta—Newfield.....	Cayuta.....	1.31	.....	.....	1.31	.....
5474*	46	3-4 Townsend—Watkins.....	Dix.....	5.61	Watkins, v.....	0.42	.....	6.03
5474-A	46	8 Perry City—Trumansburg.....	Hector.....	0.80	.....	.....	0.80	.....
5557								
5575								
		Towns.....		22.97	.....	.....	8.03	14.17
		Villages.....		.....	.....	7.00	6.58	0.42
		Cities.....		.....	.....	.....	.....	.....
		Totals.....		22.97	.....	7.00	14.61	14.59

SENECA COUNTY

COUNTY HIGHWAYS

273	518-K.....	Petition No. Seneca River, North Side.....	Seneca Falls.....	1.30	.....	.....	1.30	.....
320*	518-A... ..	Reservation Road—Fayette.....	{ Seneca Falls..... Fayette.....	1.21 4.53	.....	.....	5.74	.....
321*	518-B.....	Reservation Road—Varick.....	{ Varick..... Fayette..... Romulus.....	4.11 0.18 0.03	.....	.....	4.32	.....

* Original plans 6.01 miles. Included in State Route No. 46 and built as No. 5557.

* Part in Chemung county. Original contract 3.19 miles in Schuyler county; 1.46 miles cancelled.

* Original contract 5.15 miles; 0.77 mile in town of Hector cancelled.

* Total length 7.85 miles. 0.41 mile in Yates county. Original contract for 7.17 miles in Schuyler county cancelled; 0.27 mile added and contract re-let as No. 5334-A.

* Total length 8.98 miles. 0.41 mile in Chemung county. Cancelled and re-let as No. 5432-A, the contract for which was forfeited.

* Total length 7.57 miles. 6.26 miles in Tompkins county. Cancelled and re-let as No. 5474-A.

* Total length 4.12 miles. 3.32 miles in Tompkins county.

* Included in State Route No. 36.

* Increase in length due to pavement being carried over bridge.

* Exclusive of villages.

SENECA COUNTY — Concluded

COUNTY HIGHWAYS	Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
322 ⁴	518-C.....		Reservation Road—Romulus.....	Romulus.....	.....	.....	.....	.....	.....	.....
323	518-D.....		Reservation Road—Ovid.....	{ Ovid.....	2.88	.....	.....	3.86	.....	.....
324	518-E.....		Center Road—Fayette, Part 1.....	Lodi.....	0.98	.....	.....	.....	.....	.....
325	518-F.....		Center Road—Fayette, Part 2.....	Fayette.....	3.20	.....	.....	3.20	.....	.....
326	518-G.....		Center Road—Varick.....	Fayette.....	2.95	.....	.....	2.95	.....	.....
327 ¹	518-H, 518-J		Center Road—Romulus.....	{ Varick.....	3.95	.....	.....	4.04	.....	.....
944	V-72.....		Seneca Falls Village.....	Fayette.....	0.09	.....	.....	.....	.....	.....
1211	3476, V-316.		Waterloo Village.....	Seneca Falls.....	.....	Seneca Falls, v.	0.72	0.72	.....	.....
1211-A	{ V-316-A, 3476.....		Waterloo Village.....	Fayette.....	.....	Waterloo, v.	0.27	1.43	.....	.....
1399	V-162.....		Waterloo Village: Fayette Street... Waterloo Village: Fayette Street...	Waterloo.....	.....	Waterloo, v.	0.05	0.05	.....	.....
1400	{ 654, 655, 3101.....		Waterloo—Burns Corner.....	Fayette.....	.....	Waterloo, v.	0.24	0.24	.....	.....
1401	795-F.....		Willard—Ovid.....	Waterloo.....	4.11	Waterloo, v.	0.02	.....	4.89	.....
1416	796-A.....		Seneca Falls—Clyde, Part 1.....	Junius.....	0.76	.....	.....	.....	.....	.....
				Romulus.....	1.12	.....	.....	.....	2.13	.....
				Ovid.....	0.78	Ovid, v.	0.23	.....	.....	.....
				Seneca Falls.....	1.97	.....	.....	.....	.....	.....
				Tyre.....	0.66	.....	.....	2.63	.....	.....
				Towns.....	34.81	.....	.....	28.04	6.77	.....
				Villages.....	.....	.....	2.69	2.44	0.25	.....
				Cities.....	.....	.....	.....	.....	.....	.....
				Totals.....	34.81	.....	2.69	30.48	7.02	.....

STATE HIGHWAYS

Route No.	Sec- tion					
\$642 :	6	1	Auburn—Seneca Falls, Part 2.....	{ Seneca Falls	1.10	..... { 2.92
\$642-C. A.	6	1	Auburn—Seneca Falls, Part 2.....	Tyre.....	1.82	.....
\$687	6	5, 6	Geneva—Waterloo.....	{ Waterloo.....	0.07	..... 0.07
				Fayette.....	0.91	.....
\$687-C. A.	6	5, 6	Geneva—Waterloo.....	{ Waterloo, v... 0.23	4.63	5.77
				Waterloo.....	0.09	.....
\$100 :	{ 6 2 }		Seneca Falls Village.....	{ Fayette.....	0.02	..... 0.11
	{ 36 10 }					
	Pet. V-1041			Seneca Falls.....	1.12	Seneca Falls, v. 2.33
\$282	{ 36 5, 6 }		Ovid—Romulus.....	{ Ovid, v.....	5.24	0.80
	Pet. V-1115			Romulus.....	0.42	.....
				Variet.....	0.42	.....
\$446	{ 36 1, 2 }		Interlaken—Trumansburg.....	Covert.....	5.80	Interlaken, v... 0.70
	Pet. V-1096			Lodi.....	2.98	.....
\$589	{ 45 3-4 }		Lodi—Interlaken.....	{ Covert.....	1.63	Interlaken, v... 0.40
	Pet. V-1163					.....
			Towns.....	26.25	.....	26.07 0.18
			Villages.....	.....	4.46	4.46
			Cities.....	.....	.....	.....
			Totals.....	26.25	4.46	30.53' \$ 0.18

1. Included in State Route No. 36 and built as No. 5299. 2. Contract length 3.23 miles. Original contract forfeited and completed by Tanning company. 3.08 miles built, 0.31 mile in Cayuga County. 4. Original contract 3.41 miles. 3.42 miles built by contractor; 0.03 mile additional by Railroad. 5. Approval of plans rescinded by Board of supervisors. 6. Exclusive of villages.

STEBEN COUNTY

COUNTY HIGHWAYS

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
7421	607	Big Flats—Gibson	Corning	4.33	.....	.....	4.33	.....	.....
7542	606	Bath—Savona	Bath	1.45	.....	.....	1.45	.....	.....
850	931	Caton—Corning	Corning	3.17	.....	.....	6.13	.....	.....
903	2857, 2924	Thurston—Campbell, Part 2	Caton	2.07	.....	.....	2.07	.....	.....
904	2877, 2926	Atlanta—North Cohocton	Campbell	2.07	.....	.....	2.07	.....	.....
905	2847	Troupsburg Center—So. Troupsburg	Cohocton	1.64	.....	.....	1.64	.....	.....
906	2876, 2880	Big Creek, Parts 1 and 2	Troupsburg	3.90	.....	.....	3.90	.....	.....
907	2878, 2923	Big Creek, Part 4	Hornellville	1.22	.....	.....	5.98	.....	.....
1000	2879	Big Creek, Part 3	Freemont	4.76	.....	.....	4.13	.....	.....
1000-A	3102, 2936	Risingville—Campbell, Part 1	Avoca	4.13	.....	.....	6.95	.....	.....
1101	2937, 2938	Savona—Bradford	Howard	6.95	.....	.....	5.21	.....	.....
1102	3237, 3238	Hartsville—Canistota	Thurston	5.21	.....	.....	9.09	.....	.....
1103	2933, 2934	Cohocton—Wayland, Part 1	Bath	4.03	Savona, v	0.59	.....	.....	.....
1104	V-226, 953	Wayland—Wayland, Part 2	Bradford	4.47	.....	.....	.....	.....	5.57
1200	953	Wayland—Wayland, Part 1	Hartsville	4.94	.....	.....	.....	.....	.....
1292	951, (32)	Kanona—Prattsburg, Part 2	Canistota	0.65	.....	.....	.....	.....	.....
1474	951, (32)	Kanona—Prattsburg, Part 2	Cohocton	1.92	Cohocton, v	1.52	4.09	.....	.....
			Wayland	0.65	.....	.....	3.38	.....	.....
			Wayland	3.38	.....	.....	3.42	.....	.....
			Wayland	3.42	.....	.....	.....	.....	.....
			Wheeler	2.92	.....	.....	.....	4.99	.....
			Prattsburg	2.07	.....	.....	.....	.....	.....

1475	3105, 3106..	Corning—Hornby.....	{	Corning.....	1.62	.....	.....	6.00	.....
1476	3306.....	Seely Creek—Caton, Part 2.....	{	Hornby.....	4.38	.....	.....	.....	.....
1477	{ 953, V-373, 3659, 3738.. }	Wayland Village.....	{	Caton.....	4.00	.....	.....	4.00	.....
			{	Wayland, v.....	1.10	1.73	2.83	.....	.....
				Towns.....	81.34	.....	60.76	14.99	5.59
				Villages.....	.....	3.84	3.84	.....	.....
				Cities.....	.....	.....	.....	.....	.....
				Totals.....	81.34	3.84	64.60	14.99	5.59
5026 ^a	4	3, 4 Corning—Painted Post.....	{	Corning.....	0.51	.....	3.48	.....	.....
5094	4	5 Painted Post—Addison, Part 2.....	{	Erwin.....	2.47	Painted Post, v. 0.50	2.49	.....	.....
5130 ^a	15	2 Hornell—Big Creek.....	{	Erwin.....	2.49	.....	.....	.....	.....
			{	Hornell, v.....	.....	0.05	1.06	.....	.....
5204	14	11, 12 Bath—Avoca.....	{	Hornellville.....	1.01	.....	.....	.....	.....
			{	Bath.....	3.48	.....	6.37	.....	.....
5211	14	1-3 Painted Post—Campbell.....	{	Avoca.....	2.89	.....	.....	.....	.....
			{	Erwin.....	2.75	Painted Post, v. 0.75	8.02	.....	.....
5212	4	14 Hornell—Canisteo.....	{	Campbell.....	4.52	.....	.....	.....	.....
			{	Hornellville.....	2.87	.....	3.94	.....	.....
			{	Canisteo, v.....	0.83	0.24	.....	.....	.....

^a Included in State Route No. 4.^b Included in State Route No. 14.^c Original contract cancelled. Re-let as No. 1000-A.^d Original contract for 3.56 miles included bridges, etc., which were not paved.^e Original contract 1.16 miles. 0.10 mile in Hornell omitted from construction and built as No 5353.^f Exclusive of villages.

STEUBEN COUNTY — Concluded

STATE HIGHWAYS.

High- way No.	Route No.	Sec- tion	Name of highway	Town	*Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted under contract	Miles under com- pleted struction	Miles ap- proved and awaiting contract
5224	14	4-6	Campbell—Bath.....	{ Campbell.....	3.19	.....	.....	9.43	.....	.....
5253				{ Bath.....	4.13	Savona, v.....	2.11	.....	.....	.....
5253-A				{ Jasper.....	3.08	.....	.....	.....	.....	.....
5253-B				{ Woodhull.....	7.84	Woodhull, v....	0.71	17.07	.....	.....
5253-C	4	9-11	Jasper—Addison.....	{ Tuscarora.....	4.85	.....	.....	.....	.....	.....
5253-D				{ Addison.....	0.59	.....	.....	.....	.....	.....
5253-E				{ .....	.....	.....	.....	.....	.....	.....
5254	15	3	Hornell—Arkport.....	Hornellville.....	3.38	Arkport, v.....	0.54	3.92	.....	.....
5255*	4	18	Almond—Hornell.....	Hornellville.....	3.85	.....	.....	3.85	.....	.....
5342*	{ 4 4	{ 17 17	Hornell City: Cemetery Hill.....	.....	.....	Hornell, c.....	0.55	0.55	.....	.....
5348	4	12, 13	Canisteo—Jasper.....	{ Canisteo.....	6.88	Canisteo, v.....	0.69	12.82	.....	.....
5348-A				{ Jasper.....	5.25	.....	.....	.....	.....	.....
5349*	4	6-8	Painted Post—Addison, Part 3.....	{ Erwin.....	2.20	.....	.....	5.26	.....	.....
5349-A				{ Addison.....	0.99	Addison, v....	2.07	.....	.....	.....
5350	{ 14 14	{ 8-10 13	Bath Village.....	Bath.....	.....	Bath, v.....	1.89	1.89	.....	.....
5351	14	13	Avoca Village.....	Avoca.....	.....	Avoca, v.....	1.50	1.50	.....	.....
5352-A	15	4, 5	Arkport—Dansville.....	{ Hornellville.....	0.46	Arkport, v.....	0.18	10.37	.....	.....
5352-B				{ Dansville.....	9.73	.....	.....	.....	.....	.....

5353	{ 15	1	Hornell City: Canisteo Street.....	.....	.....	0.23	0.23	.....
	4	15						
5401	4	2	Corning City: East Market and West			0.85	0.85	.....
5495	{ Pet. V-1088		Pultney Streets.....					
5517	13	3	Bath—Hammondsport, Part 2.....	Urbana.....	2.70	Hammondsport	0.78	3.48
				{ Bath.....	1.43	Bath, v.....	0.86	
	13	1, 2	Bath—Hammondsport, Part 1.....	Urbana.....	1.08			4.27
5532 ¹	15	3-A	Arkport—Van Scooters Corners.....	Hornellville.....	0.54	Arkport, v.....	0.73	2.67
				{ Danaville.....	1.40			
5537	{ 4-B	1	Canisteo—Whitesville, Part 1.....	Canisteo.....	0.94	Canisteo, v.....	0.78	1.72
	{ Pet. V-1146,							
5564	14	14, 16	Avoca—Wallace—Cohocton.....	Avoca.....	4.13			7.31
				{ Cohocton.....	1.77	Cohocton, v.....	1.41	
5611	14	17, 18	Cohocton—Naples, Part 1.....	Cohocton.....	5.75			5.75
			Towns.....	100.88			100.88	
			Villages.....				15.74	15.74
			Cities.....				1.68	1.68
			Totals.....	100.88			17.42	118.30

¹ Original contract for 17.07 miles cancelled; 6.99 miles let as No. 5253-A, cancelled and re-let as No. 5253-D; 5.71 miles re-let as No. 5253-B, of which 5.50 miles were cancelled and re-let as No. 5253-E; 4.37 miles re-let as No. 5253-C.

² Contract closed by special agreement. Top course built by Division Engineer.

³ Original contract 0.61 mile. Portion re-located, thus reducing length.

⁴ Original contract 12.84 miles; 7.85 miles cancelled, of which 1.24 miles were re-let as No. 5348-A and 6.63 miles as No. 5348-B.

⁵ Original contract for 4.98 miles omitted 0.27 mile in Erwin. 1.87 miles in Erwin cancelled, combined with the 0.27 mile, and let as No. 5349-A.

⁶ Original contract 10.44 miles; 5.80 miles cancelled, of which 4.30 miles in Dansville, 0.47 mile in Hornellville and 0.18 mile in Arkport village were re-let as No. 5352-A and 0.91 mile in Dansville re-let as No. 5352-B.

⁷ Total length 5.25 miles, part in Allegany county.

⁸ Exclusive of villages.

SUFFOLK COUNTY

COUNTY HIGHWAYS.

Highway No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles applied for and awaiting contract
289 ¹	277.....	Crescent Avenue.....	.....	.....	.....	.....	.....	.....	.....
693 ²	2141.....	Amityville—Babylon.....	Babylon.....	3.82	.....	.....	3.82	.....	.....
694 ³	2153.....	Quogue—Riverhead.....	Southampton.....	7.65	.....	.....	7.65	.....	.....
743 ²	2161.....	Babylon—Bay Shore.....	Islip.....	4.08	.....	.....	4.08	.....	.....
794 ³	2149, 2665..	Huntington—Amityville, Part 1... Sag Harbor—Easthampton.....	Huntington..... Easthampton.....	10.10 5.28	.....	.....	10.10	.....	.....
846	2154.....	Shelter Island, Part 1.....	Shelter Island.....	3.86	.....	.....	3.86	.....	.....
910	2160.....	Sag Harbor—North Haven.....	Southampton.....	3.04	.....	.....	3.04	.....	.....
911	2835.....	Port Jefferson—Coram.....	Brookhaven.....	6.69	.....	.....	6.69	.....	.....
912 ⁴	2859.....	Coram—Patchogue.....	Brookhaven.....	6.79	.....	.....	6.79	.....	.....
1018	2860.....	Smithtown—Fort Salonga, Part 1... Sag Harbor Village.....	Smithtown..... Sag Harbor, v.....	3.87 .....	..... Sag Harbor, v.....	..... 1.24	3.87	.....	.....
1048 } 1048-A }	2845.....	East Islip—Smithtown Branch.....	Islip.....	7.24	.....	.....	.....	9.57	.....
1206	V-267, 3475.	Huntington Town Line—Farmingdale, Part 1.....	Smithtown.....	2.33	.....	.....	.....	.....	.....
1208	3010, 3011..	Huntington—Amityville, Part 2... Quogue—Southampton.....	Babylon..... Babylon.....	1.27 4.69	.....	.....	1.27	.....	.....
1218	{ 2142..... 3510..... }	Smithtown—Fort Salonga, Part 2... Bridgehampton—Devon.....	Southampton..... Southampton.....	10.50 3.26	.....	.....	.....	10.50	.....
1219	2142.....	.....	.....	.....	.....	.....	.....	.....	.....
1274	2152, 3352..	.....	.....	.....	.....	.....	.....	.....	.....
1291	2845.....	.....	.....	.....	.....	.....	.....	.....	.....
1405	3352.....	.....	.....	.....	.....	.....	.....	.....	11.58

STATE HIGHWAYS		Route No.	Section		Towns.....	96.05	.....	64.40	20.07	11.58
6008	35	1	Jericho Turnpike.....	Huntington.....	.....	.....	.....	.....	.....	.....
5111*	35	2	Jericho Turnpike, Part 2.....	Huntington.....	.....	.....	1.56	1.56	.....	.....
5112*	35	3	Jericho Turnpike, Part 3.....	Huntington.....	.....	.....	.....	.....	.....	.....
5232	35	4, 5	Smithtown.....	Smithtown.....	.....	.....	.....	.....	.....	.....
5232-A			Port Jefferson.....	Brookhaven.....	.....	.....	.....	.....	.....	.....
5299			Babylon Village.....	Babylon.....	.....	.....	1.56	65.96	20.07	11.58
5300	35	22	Babylon Village.....	Babylon.....	.....	.....	.....	.....	.....	.....
5301*	35	24	Amityville Village.....	Babylon.....	.....	.....	.....	.....	.....	.....
5488	35	19, 20	Bay Shore—Brookhaven Town Line	Islip.....	.....	12.82	.....	.....	.....	.....
	35	16, 18	Patchogue—Moriches.....	Brookhaven.....	.....	11.71	1.18	12.89	.....	.....
United States government appropriated adjacent property thus voiding this number.				Towns.....	49.67	.....	.....	49.67	.....	.....
* Included in State Route No. 35.				Villages.....	.....	.....	3.54	3.54	.....	.....
* 3.04 miles included in State Route No. 35.				Cities.....	.....	.....	.....	.....	.....	.....
* 1.40 miles included in State Route No. 35.				Totals.....	49.67	.....	3.54	53.21	.....	.....
* Accepted in 1913. Acceptance rescinded in 1915. 1048-A awaiting court decision.										
* Items for Nos. 5111 and 5112 combined and let as one contract.										
* Original contract cancelled. Re-let as No. 5232-A.										
* Original contract for 12.02 miles cancelled. Plans were changed to 12.86 miles and re-let.										
* Original contract 10.14 miles. 9.99 miles constructed by State and 0.11 mile by railroad.										
* Exclusive of villages.										

SULLIVAN COUNTY

COUNTY HIGHWAYS

High-way No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
699	1230.....	Liberty—Jeffersonville, Part 1.....	Liberty.....	6.57	.....	.....	6.57	.....	.....
700	1211.....	Liberty—Jeffersonville, Part 2.....	Callicoon.....	5.14	.....	.....	5.14	.....	.....
795	1216, 2500..	Jeffersonville—Kenosha Lake—Fosterdale.....	Delaware.....	5.26	.....	.....	6.20	.....	.....
823	1216 2528..	Falls Mills—Callicoon.....	Delaware.....	4.83	.....	.....	4.83	.....	.....
824	1216.....	Stone Bridge—Falls Mills.....	Delaware.....	3.34	.....	.....	3.34	.....	.....
890	1241.....	Monticello—Mongaup Valley.....	Thompson.....	4.37	.....	.....	4.37	.....	.....
986 ¹	2516.....	Fosterdale—Mongaup Valley.....	Cochection.....	2.53	.....	.....	.....	10.97	.....
1463	1221.....	Liberty—Woodbourne, Part 2.....	Bethel.....	8.44	.....	.....	.....	5.63	.....
1478	2527.....	Forestburg—Orange County Line..	Forestburg.....	4.01	.....	.....	.....	4.01	.....
1483	3730.....	Mongaup—Pond Eddy.....	Lumberland.....	5.69	.....	.....	.....	5.69	.....
Totals.....				56.75	.....	.....	30.45	20.61	5.69
Villages.....				.....	.....	.....	.....	.....	.....
Cities.....				.....	.....	.....	.....	.....	.....
Totals.....				56.75	.....	.....	30.45	20.61	5.69

STATE HIGHWAYS

Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5035	4	8 Monticello—Liberty, Part 1.....	Thompson.....	2.48	.....	.....	2.48	.....	.....
5223 ²	4	12 Liberty—County Line, Part 1.....	Liberty.....	5.52	.....	.....	8.53	.....	.....
5234	4	13, 14 Liberty—County Line, Part 2.....	Rockland.....	3.01	.....	.....	8.44	.....	.....
5234-A	4	13, 14 Liberty—County Line, Part 2.....	Rockland.....	8.44	.....	.....	8.44	.....	.....

5296	{ 4 Pet. V-1127 }	Liberty Village.....	Liberty.....	Liberty, v.....	1.37	1.37	.....
5322	4 9, 10	Monticello—Liberty, Part 2.....	{ Thompson..... 4.16 Liberty..... 4.29 }	.....	.....	8.45	.....
5457	4 4, 6	Bloomingburg—Monticello, Part 2.....	{ Mamakating..... 0.47 Thompson..... 6.01 }	.....	.....	6.48	.....
5457-A ⁴	4 5	Bloomingburg—Monticello, Part 2.....	Thompson..... 0.72	.....	.....	0.72	.....
5490	{ 4 Pet. V-1194 }	Monticello Village: Broadway and Jefferson Street.....	Thompson.....	Monticello, v.....	1.56	1.56	.....
5510 ⁶	4 1, 3	Bloomingburg—Monticello, Part 1.....	Mamakating..... 6.93	Wurtsboro, v.....	1.25	8.18	.....
5510-A ⁵	4 2	Bloomingburg—Monticello, Part 1.....	Mamakating..... 0.43	.....	.....	0.43	.....
		Towns.....	42.46	.....	.....	42.46	.....
		Villages.....	.....	.....	4.18	4.18	.....
		Cities.....	.....	.....	.....	.....	.....
		Totals.....	42.46	.....	4.18	46.64	.....

TIOGA COUNTY

COUNTY HIGHWAYS

	Petition No.						
845	2638.....	Spencer—Candor, Part 1.....	Spencer.....	4.01	.....	4.01	.....
927	{ 2637, 2848, 2888..... }	Owego—Newark Valley.....	{ Owego..... 5.16 Newark Valley..... 2.23 }	.....	.....	7.39	.....

¹ Original contract forfeited January 24, 1915. Re-awarded February 23, 1915 and forfeited May 31, 1916. Re-awarded August 23, 1916.
² Original contract declared forfeited by Commission. Courts ordered acceptance.
³ Original contract forfeited July 10, 1914. Re-set March 20, 1915. Cancelled April 6, 1916 and being completed as No. 5234-A.
⁴ Portion omitted from original plans for No. 5437.
⁵ Portion omitted from original plans for No. 5510. Contract forfeited. Completed by Department Forces.
⁶ Contract forfeited. Completed by Department Forces. * Exclusive of villages.

TIOGA COUNTY — Concluded

COUNTY HIGHWAYS

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1076	3016, 2636..	Newark Valley—Berkshire, Part 2..	Berkshire.....	4.29	.....	.....	4.29	.....	.....
1077	2925.....	Newark Valley—Berkshire, Part 1..	Newark Valley.....	3.20	Newark Val., v.	1.52	4.72	.....	.....
1078	2969, 3722..	Waverly—Lockwood.....	Barton.....	5.74	Waverly, v.	0.26	.....	6.00	.....
1079	2922.....	Spencer—Candor, Part 2.....	Candor.....	3.97	Candor, v.	0.10	4.07	.....	.....
1452	3026, 3534..	Richford—Harford Mills.....	Richford.....	5.50	.....	.....	.....	5.50	.....
Totals.....				34.10	.....	.....	22.86	11.24	.....
Villages.....				.....	.....	1.88	1.62	0.26	.....
Cities.....				.....	.....	.....	.....	.....	.....
Totals.....				34.10	.....	1.88	24.48	11.50	.....

STATE HIGHWAYS

Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5049	4	10	Waverly—Owego, Part 1.....	Barton.....	2.28	Waverly, v.	0.28	2.56	.....	.....
5168 ⁶	4	9	Waverly—Owego, Part 2.....	Barton.....	3.48	.....	.....	5.28	.....	.....
5215 ¹	4	1	Owego—Binghamton.....	Tioga.....	1.80	.....	.....	.....	.....	.....
5257	4	8	Waverly—Owego, Part 3.....	Owego.....	9.23	Owego, v.	0.72	9.95	.....	.....
5289 ²	4	12	Lowman—Waverly, Part 3.....	Tioga.....	8.92	.....	.....	9.71	.....	.....
5333	4	11	Waverly Village.....	Owego.....	0.79	Owego, v.	0.79	0.97	.....	.....
5420	36	1-3	Owego—Candor, Part 1.....	Barton.....	0.33	Waverly, v.	0.64	0.97	.....	.....
				Barton.....	.....	Waverly, v.	1.28	1.28	.....	.....
				Owego.....	0.52	Owego, v.	1.11	1.63	.....	.....

5429 ^a	4	9	Swartwood Crossing.....	Barton.....	0.67	.....	0.67	.....
5471	36	4-6	Owego—Candor, Part 2.....	{ Tioga..... Candor, v.....	2.56 5.34	..... 1.18	9.08	.....
			Towns.....	.....	35.13	.....	35.13	.....
			Villages.....	.....	.....	6.00	6.00	.....
			Cities.....	.....	.....	.....	.....	.....
			Totals.....	.....	35 13	.....	41 13	.....

TOMPKINS COUNTY

COUNTY HIGHWAYS	Petition No.							
72	141.....	Catskill Turnpike, Part 1.....	Ithaca.....	1.87	.....	.....	1.87	.....
336 ^b	575.....	Cayuga Heights.....	{ Lansing..... Ithaca.....	1.60 0.79	..... Cayuga Hts, v. 0.78	.....	3.17	.....
338	271.....	Catskill Turnpike, Part 2.....	Dryden.....	1.38	.....	.....	1.38	.....
454 ^c	891, 989.....	Ithaca.....	Ithaca.....	3.64	.....	.....	3.64	.....
455	1000, 1495..	Wyckoff.....	Ithaca.....	.....	Cayuga Hts, v. 0.34	.....	0.34	.....
483	1030.....	Catskill Turnpike, Part 3.....	{ Dryden..... Caroline.....	0.73 3.71	..... .....	.....	4.44	.....
606	2127, 2129..	Cayuga Heights—Hanshaw's Cor's.	Ithaca.....	1.62	Cayuga Hts, v. 0.50	.....	2.12	.....

^a Part in Broome county. Total length 10.72 miles.^b Part in Chemung county. Total length 3.65 miles.^c Included in State Route No. 11.^d 8.06 miles included in State Route No. 9.^e Original contract 0.44 mile. Portion (0.23 mile) over railroad crossing built under special agreement.^f Contract 8.34 miles. 5.30 miles constructed of which 0.02 mile in Barton was reconstructed by No. 5429.^g Exclusive of villages.

TOMPKINS COUNTY — Continued

COUNTY HIGHWAYS

Highway No.	Petition No.	Name of highway	Town	* Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
616 ¹	1422, 1496..	Trumansburg—Ithaca.....	{ Ulvestra..... Ithaca.....	{ 6.03 2.63	.....	.....	8.66	.....	.....
681 ²	1489.....	Ithaca—Dryden, Part 1.....	{ Ithaca..... Dryden.....	{ 1.56 3.16	.....	.....	4.72	.....	.....
682	1489.....	Ithaca—Dryden, Part 2.....	Dryden.....	3.95	.....	.....	3.95	.....	.....
683	1489.....	Dryden—Cortland, Part 1.....	Dryden.....	3.57	.....	.....	3.57	.....	.....
926	1491.....	Freeville—Groton.....	{ Dryden..... Groton.....	{ 2.13 2.36	.....	.....	4.49	.....	.....
1001	1498, 1690..	Enfield Center—Ithaca.....	{ Enfield..... Ithaca.....	{ 4.17 2.28	.....	.....	6.45	.....	.....
1002 ³	{ 3017..... 3018..... 3019.....	{ Groton Village..... Freeville Village..... Dryden Village.....	{ Groton..... Dryden..... Dryden.....	{ 0.23	{ Groton, v..... Freeville, v..... Dryden, v.....	{ 0.37 0.61 1.31	2.52	.....	.....
1003	1499.....	Mitchell Street—East Town Line..	Ithaca.....	1.17	.....	.....	1.17	.....	.....
1003-A ⁴	1499.....	Mitchell Street—East Town Line..	Ithaca.....	0.20	.....	.....	0.20	.....	.....
1004	{ 1202, 1680.. 1201.....	{ Cooks Corners—Brookton..... Slaterville Springs—Caroline.....	{ Dryden..... Caroline.....	{ 0.40 2.00	.....	.....	4.58	.....	.....
1188	1431, V-209.	Groton—Cayuga County Line.....	Groton.....	2.18	.....	.....	2.77	.....	.....
1189	1691, 2533..	Enfield Falls—Enfield Center.....	{ Ithaca..... Enfield.....	{ 1.40 4.94	{ Groton, v.....	{ 0.85	6.34	.....	.....
1330	1687.....	Ithaca—Esty Glen.....	{ Ithaca..... Lansing.....	{ 0.99 1.47	.....	.....	2.46	.....	.....

	1984, 1978, 1201.....	{ Erockton—Speedsville, Part 1, & Slatersville Springs—Caroline, Part 2.....	Caroline.....	3.38	.....	3.38	.....
1431							
1432	1487.....	West Danby—West Danby Station.	Danby.....	0.42	.....	0.42	.....
1433	{ V-353, 3718, 2515.....	{ Cortland—Groton, Parts 3 & 4....	Groton, v.....	5.40	0.46	.....	5.86
1434	V-347, 3719	Ithaca City: Mitchell Street.....	Ithaca, c.....	0.61	0.61	.....	.....
		Towns.....	.....	73.28	.....	64.50	8.78
		Villages.....	.....	5.22	5.22	4.76	0.46
		Cities.....	.....	0.61	0.61	.....	.....
		Totals.....	.....	73.28	5.83	69.87	9.24
5043	36	4 Ithaca—Danby, Part 1.....	Ithaca.....	2.59	.....	2.59	.....
5122	36	3 Ithaca—Danby, Part 2.....	Danby.....	3.24	.....	3.24	.....
5190	36	7 Ithaca—Trumansburg.....	Ithaca, c.....	1.06	1.06	.....	.....
5206	{ 36 Pet. V-1060	{ Trumansburg Village.....	Ulysses.....	0.14	Trumansburg, v	1.40	1.54
5213	36	1, 2 Ithaca—Danby, Part 3.....	Danby.....	4.34	.....	4.34	.....
5214	{ 39-A 9	{ Ithaca—Newfield.....	{ Ithaca.....	0.94	.....	.....	.....
5225	9	9 Varna Crossing.....	Dryden.....	0.53	Newfield, v....	1.53	5.09
5256	11	4 Esty Glen—South Lansing.....	Lansing.....	3.10	.....	.....	0.53
5294	9	10, 11 Etna—Freeville—Dryden.....	Dryden.....	5.31	Freeville, v....	1.38	3.10
						6.69	.....

* Included in State Route No. 36.
* Included in State Route No. 9.
* 0.53 mile included in State Route No. 9.
* Portion at grade crossing omitted from contract for No. 1003.

* Exclusive of villages.

TOMPKINS COUNTY — Concluded

Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5379	9	2	Ithaca—West Danby, Part 1.....	{ Ithaca.....	0.18	.....	.....	3.22	....	.....
5474 ¹				Newfield.....	3.04	.....	.....	.....	....	.....
5474-A	39-A	1, 2	Cayuta—Newfield.....	Newfield.....	6.28	.....	.....	6.28	....	.....
5567	9	{ 1-A 2-A	Ithaca—West Danby, Part 2.....	{ Newfield.....	1.09	.....	.....	3.05	....	.....
5575 ¹	46	1	Perry City—Trumansburg.....	Danby.....	1.96	.....	.....	.....	....	.....
5627	11	5	South Lansing—Myers.....	Ulysses.....	2.71	Trumansburg, v.	0.61	3.32	....	.....
				Lansing.....	2.46	.....	.....	.....	....	2.46
				Towns.....	40.51	.....	.....	38.05	....	2.46
				Villages.....	....	.....	.....	4.92	....	.....
				Cities.....	....	.....	.....	1.06	....	.....
				Towns.....	40.51	.....	.....	5.98	....	2.46

ULSTER COUNTY

COUNTY HIGHWAYS		
	Petition No.	
16 ²	65-A..... Ulster-Delaware, Part 1.....	Shandaken..... 5.66
31 ⁴	65..... Ulster-Delaware, Part 3.....	Shandaken..... 5.72
37 ⁵	116-A..... Saugerties-Woodstock, Part 1.....	Woodstock..... 4.00
38	116-A..... Saugerties-Woodstock, Part 2.....	Saugerties..... 4.88
116 ¹²	118..... Kingston-Rifton.....	Ulster..... 0.94
		Esopus..... 4.14
17 ⁴	65..... Ulster ² -Delaware, Part 2.....	Shandaken..... 5.09

118*	131.....	Shandaken—Hurley, Part 1.....	Olive.....	1.54	.....	1.54
141	130, 474....	Kingston—Ellenville, Part 3.....	Wawarsing.....	6.78	.....	6.78
142	287.....	Saugerties—Woodstock, Part 3.....	Saugerties.....	2.85	.....	2.85
228 ¹	113.....	Saugerties—Kingston.....	{ Saugerties.....	3.58	.....	3.58
			{ Ulster.....	2.08	.....	2.08
229	115.....	Kingston—High Falls.....	{ Ulster.....	1.79	.....	1.79
			{ Rosendale.....	5.09	.....	5.09
230	132.....	Kingston—Ellenville, Part 1.....	Marbletown.....	8.27	.....	8.27
231 ¹	338.....	Post, Part 1.....	Lloyd.....	7.08	.....	7.08
305	143.....	Kingston—Ellenville, Part 2.....	Rochester.....	7.25	.....	7.25
306	144, 321....	Kingston—Ulster Landing.....	Ulster.....	5.56	.....	5.56
307	253, 413....	Plattekill—Modena.....	Plattekill.....	7.16	.....	7.16
308	322, 479....	New Palms—Rifton.....	{ New Palms.....	3.28	.....	3.28
			{ Esopus.....	0.88	.....	0.88
309*	286.....	Post, Part 2.....	.....	.....	.....	.....
310 *	417.....	Old Post Road.....	Esopus.....	4.25	.....	4.25
311 *	417.....	Post, Part 4.....	Esopus.....	.....	.....	.....
349 ¹¹	416.....	Saugerties—Catskill.....	.....	.....	.....	.....
350	423, 424, 473, 482.....	Highland—Gardner, Part 1.....	{ Plattekill.....	2.26	.....	2.26
			{ Lloyd.....	4.18	.....	4.18
			{ Marlboro.....	0.82	.....	0.82

* Part in Schuylar county. Cancelled and re-set as No. 5474-A.

¹ Total length 4.12 miles. Part in Schuylar county.

² 15.40 miles included in State Route No. 5.

³ Included in State Route No. 5.

⁴ 2.30 miles included in State Route No. 5.

⁵ Original construction 4.00 miles. 2.43 miles taken over by New York city for the Ashokan reservoir.

⁶ Included in State Route No. 3.

⁷ Included in State Route No. 3 and built as Nos. 5001, 5114 and 5176.

⁸ 2.84 miles included in State Route No. 3.

⁹ Included in State Route No. 3. To be built as No. 5508.

¹⁰ Included in State Route No. 3. Part as No. 5169.

¹¹ Contract divided and portion (116-B) built by town board of Ulster township. 116-A built by town board of Esopus.

¹² Exclusive of villages

ULSTER COUNTY — Continued

COUNTY HIGHWAYS

Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
351	433, 480....	Highland—Gardiner, Part 2.....	{ Plattkill.....	3.24	.....	.....	7.80	.....	.....
352	476.....	Kingston—Ellenville, Part 4.....	{ Gardiner.....	4.56	.....	.....	.....	.....	.....
353 ¹	481.....	Woodstock—West Hurley.....	{ Hurley.....	1.91	.....	.....	1.91	.....	.....
354 ²	740.....	Highland Landing—Highland.....	{ Woodstock.....	.....	.....	.....	.....	.....	.....
419	420.....	Rosendale—Perrine's Bridge.....	{ Lloyd.....	1.15	.....	.....	1.15	.....	.....
422 ³	723.....	Bearsville—Beechford—Mt. Pleasant.....	{ Rosendale.....	1.95	.....	.....	1.95	.....	.....
572	{ 809, 810, 3297, V-264.	New Paltz—Plattekill.....	{ Woodstock.....	6.23	.....	.....	.....	.....	6.83
602	264.....	Bearsville—Willow.....	{ Shandaken.....	0.60	.....	.....	.....	.....	.....
603	475, 3555....	Napanoch—Montela.....	{ New Paltz.....	2.78	New Paltz, v... 2.06	.....	5.92	.....	.....
921	V-11.....	Rifton Village.....	{ Gardiner.....	1.08	.....	.....	.....	.....	5.57
1186	131-A, 3459.	Cold Brook—Beechford and Ashokan Reservoir.....	{ Woodstock.....	5.57	.....	.....	.....	10.24	.....
1373	3204, V-367	Hurley—Kingston.....	{ Wawarsing.....	10.24	Rifton, v.....	2.13	2.13	.....	.....
1417	3554.....	Walkill—Newburgh, Part 1.....	{ Esopus.....	.....	.....	.....	.....	.....	.....
1418	1677.....	Milton Landing—Milton.....	{ Olive.....	1.13	.....	.....	1.13	.....	.....
1419	{ V-282, 3295, 3721.....	Rosendale Village.....	{ Ulster.....	0.53	Kingston, c.... 1.00	.....	.....	2.73	.....
			{ Hurley.....	1.20	.....	.....	.....	.....	.....
			{ Shawangunk.....	3.11	.....	.....	3.11	.....	.....
			{ Marlboro.....	0.55	.....	.....	0.55	.....	.....
			{ Rosendale.....	.....	Rosendale, v... 3.17	.....	.....	3.17	.....

1464	2111, 3552..	High Falls—Stone Ridge.....	Marbletown.....	1.80	.....	1.80	.....
1465	3151.....	Ulster Landing—Glaseco.....	Saugerties.....	2.78	.....	2.78	.....
				<hr/>			
				Towns.....	155.44	129.27	13.77
				Villages.....	7.36	4.19	3.17
				Cities.....	1.00	.....	1.00
				<hr/>			
				Totals.....	155.44	133.46	17.94
				<hr/>			
				<hr/>			

STATE HIGHWAYS

Route No.	Section						
5000	3	10	Saugerties—Kingston, Part 2.....	Ulster.....	3.22	.....	3.22
5001	3	3	Lloyd Town Line—Milton.....	Marlboro.....	1.57	.....	1.57
5114	{ 3	2	Milton—Marlboro.....	Marlboro.....	3.30	0.52	3.82
5169 ¹	3	14, 15	Saugerties—Catskill, Part 1.....	Saugerties.....	3.57	.....	3.57
5173	5	1	Kingston—West Hurley.....	{ Ulster.....	3.72	.....	3.72
5176 ²	3	1	Marlboro—Cedar Hill Cemetery...	{ Kingston.....	0.76	.....	0.76
5177 ³	5	12	Pine Hill—Griffin Corners.....	{ Hurley.....	0.48	.....	0.48
5192	3	9	Eddyville Bridge.....	{ Marlboro, v...	1.06	0.02	1.08
				{ Shandaken.....	0.76	1.54	2.30
				{ Ulster.....	0.09	.....	0.09
				{ Esopus.....	0.15	.....	0.15

¹Included in State Route No. 5. Original plans 4.41 miles. Part flooded by the Ashokan reservoir. Balance of highway constructed as No. 5570.

²Original contract 1.17 miles.

³Included in State Route No. 5. Original plans 8.85 miles, of which 2.02 miles were built as No. 16.

⁴Original contract forfeited. Work completed by Division Engineer.

⁵Part in Orange county. Total length 3.64 miles.

⁶Part in Delaware county. Total length 2.18 miles.

⁷Exclusive of village.

ULSTER COUNTY — Concluded

STATE HIGHWAYS	Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles proposed and awaiting contract
5506	3	5, 6		Old Post, Part 4	Esopus	6.48			6.48		
5570	5	3		West Hurley—Woodstock	Hurley	1.90			2.91		
5599-1					Woodstock	1.01					
5599-A	3	8		Kingston—Port Ewen	Esopus	0.35	Kingston, e.	0.14			0.49
5601	{ 3, 12, 13 } Pet. V-1077			Saugerties Village	Saugerties		Saugerties, v.	1.85	1.85		
				Towns		28.42			28.07		0.35
				Villages				3.93	3.93		
				Cities				0.14			0.14
				Totals		28.42		4.07	32.00		0.49

WARREN COUNTY

COUNTY HIGHWAYS

	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles proposed and awaiting contract
417	954	Glens Falls—Lake George	Queensbury	4.68			7.56		
			Caldwell	2.88					
418	954	Lake George—Bolton Landing	Caldwell	3.96			9.74		
			Bolton	5.78					
6156	1986, 1987	Sandy Hill—Glens Falls	Queensbury	2.12			2.12		
691	1740	Riverside—Chester	Chester	5.73			5.73		

STATE HIGHWAYS		Route No.	Section				
6624	1741, 1746..	Loon Lake—Pottersville—Taylor's.	Chester	8.94	8.94	8.94	8.94
736*	2167.....	North Creek—County Line.....	Chester	4.12	4.12	4.12	4.12
804	1747.....	Luzerne—Lake George, Part 1....	Luzerne	7.09	7.09	7.09	7.09
805	1748.....	Luzerne—Lake George, Part 2....	Caldwell	3.67	3.67	3.67	3.67
843	V-2, V-59..	Lake George Village.....	Caldwell	0.17	0.17	0.17	0.17
1021*	3167.....	Warrensburg—Thurman Station....	Warrensburg	3.21	3.21	3.52	3.52
			Thurman	0.31	0.31		
1023	2627, 2824..	Chestertown—Hague, Part 1.....	Chester	2.02	2.02	6.36	6.36
			Horicon	4.34	4.34		
1118	2627, 3360..	Chestertown—Hague, Part 2.....	Horicon	5.84	5.84	5.84	5.84
1238	3360.....	Chestertown—Hague, Part 3.....	Hague	5.13	5.13	5.13	5.13
1501	2823.....	Chestertown—Hague, Part 4.....	Hague	4.59	4.59	4.59	4.59
1515	3291.....	North Creek—North River.....	Johnsburg	4.85	4.85	4.85	4.85
		Towns....	Towns	79.26	79.26	64.69	64.69
		Villages....	Villages	0.17	0.17	0.17	0.17
		Cities....	Cities				
		Totals....	Totals	79.26	79.26	64.86	64.86
3055	25 4	Riverside—Wewertown, Part 1....	Johnsburg	1.63	1.63	1.63	1.63
3068	25 14	Lake George Village.....	Caldwell			1.48	1.48
3068	25 3	Riverside—Wewertown, Part 2....	Johnsburg	1.53	1.53	1.53	1.53
3157	25 11, 12	Warrensburg—Chestertown, Part 1.	Warrensburg	6.55	6.55	6.55	6.55

Contract No. 5599 awaiting completion of No. 5599-A which is for bridge abutments only.

* Contract NO. 3399 awaiting completion of NO. 3399-A which is for bridge requirements only.
 * Original contract forfeited December 8, 1916. Relet in 1917. Contract forfeited. Completed by Department Forces.

² Included in State Route No. 25.

⁴Included in State Route No. 22. This highway was accepted but contractor refused final payment.

* Original contract cancelled. Plans revised and re-let.

WARREN COUNTY — Concluded

State Highway No.	Route No.	Section	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5158	25	9, 10	Warrensburg—Chester town, Part 2.	{ Warrensburg..... Chester.....	2.77 3.72	.....	.....	6.49	.....	.....
5185 ¹	25	2	Wevertown—North Creek.....	Johnsburg.....	6.57	.....	.....	6.57	.....	.....
5227	25	13	Lake George—Warrensburg.....	{ Caldwell..... Warrensburg.....	4.37 0.21	.....	.....	4.58	.....	.....
5528	{ 25 16 Pet. V-1183 }		Glens Falls City: Glen Street.....	.....	.....	Glens Falls, c..	0.61	0.61	.....	.....
			Towns.....	27.35		.....	.....	27.35	.....	.....
			Villages.....	.....		.....	1.48	1.48	.....	.....
			Cities.....	.....		.....	0.61	0.61	.....	.....
			Totals.....	27.35		.....	2.09	29.44	.....	.....

WASHINGTON COUNTY

County Highways	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
85	133.....	Fort Edward—Sandy Hill.....	Fort Edward.....	0.92	.....	.....	0.92	.....	.....
97 ²	204.....	Shunpike.....	White Creek.....	3.57	.....	.....	3.57	.....	.....
103 ²	205.....	Granville—Middle Granville.....	Granville.....	1.31	.....	.....	1.31	.....	.....
104 ²	205.....	Granville—Troy Stage.....	Granville.....	1.25	.....	.....	1.25	.....	.....
720 ²	2268.....	Sandy Hill—Adamsville.....	Kingsbury.....	4.75	.....	.....	4.75	.....	.....
720-A	2268.....	Dunham Basin.....	Kingsbury.....	0.24	.....	.....	0.24	.....	.....
721 ²	1441.....	White Creek County Line.....	White Creek.....	3.12	.....	.....	3.12	.....	.....
722 ²	2033.....	Hebron Town Line—Granville.....	Granville.....	2.06	.....	.....	2.06	.....	.....

723*	2027.....	Whitehall—Fort Ann Town Line...	Whitehall.....	4.77	.....	4.77	.....
724	221.....	Greenwich—Battenville.....	Greenwich.....	3.98	.....	3.98	.....
802	2034.....	Smiths Basin—Hartford.....	Hartford.....	5.24	.....	5.24	.....
803	2270.....	Sandy Hill—Fort Ann.....	Kingsbury.....	7.21	.....	8.23	.....
942	2598.....	Smiths Basin—Lime Kiln.....	Fort Ann.....	1.02	.....	0.66	.....
1080	3088, 3089..	Hudson Falls Village.....	Kingsbury.....	0.66	.....	0.97	.....
1081	2599.....	South Argyle—Argyle.....	Hudson Falls, v.....	.....	0.97	3.34	.....
1082	V-184, 3138.	Cambridge Village.....	Argyle.....	3.34	.....	0.58	.....
1083	3067.....	Fort Edward Village.....	Cambridge.....	.....	0.58	1.72	.....
1109*	1444.....	Cambridge—Ash Grove.....	White Creek.....	.....	1.14	0.56	.....
1223	{ 1445..... }	Battenville—Salem.....	Fort Edward, v.....	.....	.....	2.06	.....
1224*	2289, 3517..	Comstock—Fort Ann.....	Greenwich.....	4.11	.....	5.97	.....
1436	V-375, 3425	Greenwich Village: Elm Ave., Main, Bridge and Eddy Sts.....	Salem.....	1.86	.....	5.55	.....
1437	3543, 1446..	Schuylerville—Greenwich.....	Fort Ann, v.....	5.05	0.50	1.43	.....
1438	3288.....	Greenwich—Cambridge.....	Greenwich, v.....	.....	0.90	.....	.....
			Easton.....	.....	0.53	4.58	.....
			Easton.....	3.20	.....	.....	.....
			Greenwich.....	1.38	.....	.....	.....
			Easton.....	2.22	.....	.....	.....
			Jackson.....	1.44	.....	6.98	.....
			Cambridge.....	3.32	.....	.....	.....
			Towns.....	68.08	.....	59.04	9.04
			Villages.....	.....	5.18	5.18	.....
			Cities.....	.....	.....	.....	.....
			Totals.....	68.08	5.18	64.22	9.04

* Original contract 6.07 miles. 0.50 mile on a spur built under supplementary agreement.

* Included in State Route No. 22.

* 2.08 miles included in State Route No. 22.

* Original contract forfeited June 28, 1916.

* Original contract 5.00 miles. 0.24 mile over Barge canal omitted and built as No. 723-A.

* Original contract 5.33 miles. 0.22 mile additional top laid by supplemental agreement on portion of State Route No. 22.

* Exclusive of villages.

WASHINGTON COUNTY — Concluded

STATE HIGHWAYS

Highway No.	Route No.	Section	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
5083	22	8	Salem—Granville, Part 1.....	Salem.....	2.96	.....	.....	2.96	.....	.....
5113	22	3, 4	Cambridge—Salem, Part 1.....	{ White Creek..... Jackson.....	..... 2.37	Cambridge, v...	1.30	3.67	.....	.....
5293	22	5, 6	Cambridge—Salem, Part 2.....	{ Jackson..... Salem.....	5.39 0.62	..... .....	..... .....	6.01	.....	.....
5316	{ 22 Pet. V-1097	7	Cambridge—Salem, Part 3.....	Salem.....	1.23	Salem, v.....	1.26	3.09	.....	.....
5336	22	9, 10	Salem—Granville, Part 2.....	{ Salem..... Hebron.....	0.47 9.01	..... .....	..... .....	9.48	.....	.....
5404	{ 22 Pet. V-1026	12	Granville Village.....	Granville.....	.....	Granville, v....	1.75	1.75	.....	.....
5531	{ 22 Pet. V-1207	17	Whitehall Village: Canal and Broad Streets.....	Whitehall.....	.....	Whitehall, v...	1.32 1.88	1.32 1.88	.....	.....
5578	22	18	Whitehall—Dresden Center, Part 1.	Whitehall.....	.....	Whitehall, v....	.....	.....	.....	5.77
5637 :	22	19	Whitehall—Dresden Center, Part 2.	Dresden.....	5.77	.....	.....	.....	.....	.....
Totals.....					27.82	.....	.....	22.05	.....	5.77
Villages.....					.....	.....	8.11	8.11	.....	.....
Cities.....					.....	.....	.....	.....	.....	.....
Totals.....					27.82	.....	8.11	30.16	.....	5.77

SPECIAL HIGHWAY !
Chapter Laws of

518	1912.....	South Bay Bridge.....	{ Dredgen.....	0.04	.....	0.10	.....
			{ Whitehall.....	0.06	.....	.....	.....
			Towns.....	0.10	.....	0.10	.....

WAYNE COUNTY

COUNTY HIGHWAYS

	Petition No.						
860	1635.....	Clyde—Resort, Part 2.....	Rose.....	3.46	.....	3.46	.....
861	1173.....	Dugway, Part 4.....	Walworth.....	1.98	.....	1.98	.....
918	1619.....	Macedon—Cator Four Corners.....	Macedon.....	1.16	.....	1.16	.....
919	2054.....	Clyde—Resort, Part 1.....	{ Rose.....	1.67	.....	3.87	.....
			{ Galea.....	2.20	.....	.....	.....
920	1529.....	Lyons—Sodus Point, Part 1.....	Lyons.....	3.00	.....	3.00	.....
982	3025.....	Marion—Williamson, Part 1.....	Marion.....	1.99	.....	1.99	.....
993	2100.....	Manchester—Palmyra, Part 2.....	Palmyra.....	1.20	.....	1.20	.....
994	2042.....	Williamson Station—Pultneyville.....	Williamson.....	3.45	.....	3.45	.....
1058	2064.....	Wolcott—Savannah, Part 3.....	Butler.....	2.25	.....	2.25	.....
1059	2055.....	Clyde—Resort, Part 3.....	Huron.....	1.88	.....	1.88	.....
1060	2049, 1529..	Lyons—Sodus Point, Parts 2 & 3...	{ Lyons.....	2.92	.....	6.41	.....
			{ Sodus.....	3.49	.....	.....	.....
1142	2042.....	Williamson Station—Williamson....	Williamson.....	0.73	.....	0.73	.....
1185	V-291, 2975.	Red Creek—Fairhaven.....	Wolcott.....	3.79	Red Creek, v...	0.38	4.17

! Total length of contract 0.36 mile of which 0.26 mile was for bridge and trestle work. Cost paid from first bond issue.

* Contract awarded but contractor failed to sign, forfeiting deposit.

* Exclusive of villages.

WAYNE COUNTY — Concluded

COUNTY HIGHWAYS	Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1406	2042	.....	Marion—Williamson, Part 2	Marion	1.84	.....	.....	3.67	.....	.....
1407	2091, 2046	..	Newark—Sodus, Part 1	Williamson	1.83	.....	.....	.....	3.97	.....
1503	1618, 3292	..	Pittsford—Palmyra, Part 3	Arcadia	3.97	.....	.....	.....	.....	.....
				Macedon	2.99	.....	.....	.....	.....	2.99
				Towns	45.80	.....	.....	36.59	6.22	2.99
				Villages	.....	.....	0.38	0.38	.....	.....
				Cities	.....	.....	.....	.....	.....	.....
				Totals	45.80	.....	0.38	36.97	6.22	2.99
STATE HIGHWAYS										
5017	20	2	Clyde—Savannah, Part 2	Savannah	2.00	Savannah, v.	0.95	2.95	.....	.....
5070 ¹	20	4	Clyde—Savannah, Part 1	Galen	.....	.....	.....	.....	.....	.....
5089	20	3-6	Clyde—Savannah, Part 1	Savannah	2.74	Clyde, v.	0.91	4.53	.....	.....
5127 ⁵	30	12	Union Hill—Ontario Center	Savannah	0.88	.....	.....	3.44	.....	.....
5290	{ 30, 1, 2 } Pet. V-1124		Wolcott—Red Creek	Ontario	3.44	.....	.....	7.02	.....	.....
5378	30	11	Ontario Center—Williamson	Wolcott	4.61	Wolcott, v.	1.34	.....	.....	.....
5449	30	10	Ontario Center—Williamson, Part 2	Wolcott	.....	Red Creek, v.	1.07	4.53	.....	.....
5451	30	8, 9	Williamson—Sodus	Ontario	2.96	.....	.....	2.29	.....	.....
				Williamson	1.57	.....	.....	5.94	.....	.....
				Williamson	2.29	.....	.....	.....	.....	.....
				Williamson	2.62	.....	.....	.....	.....	.....
				Sodus	3.32	.....	.....	.....	.....	.....

5503	12	1	Geneva—Lyons, Part 3.....	Lyons.....	2.53	Lyons, v.....	0.37	2.90	.....
5632	30	6, 7	Sodus—Alton.....	Sodus.....	5.85	.....	.....	5.85	.....
<hr/>									
			Towns.....	34.81	.....	.....	.....	28.96	5.85
			Villages.....	.....	.....	.....	4.64	4.64	.....
			Cities.....	.....	.....	.....	.....	.....	.....
<hr/>									
			Totals.....	34.81	.....	.....	4.64	33.60	5.85
<hr/>									
FEDERAL AID HIGHWAYS									
8005	Alton—Wolcott, Pt. 2.....	Huron.....	3.21	3.21
<hr/>									
			Towns.....	3.21	3.21

WESTCHESTER COUNTY

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17	27	Hastings—Ardley.....	Greenburg.....	0.60	0.60
18	98-A	Ardley—Elmsford, Part 1.....	Greenburg.....	2.28	Elmsford, v.....	0.48	2.76
19	105	.....	Mamaroneck—White Plains.....	Mamaroneck.....	0.61	.....	.....	.....	.....
				.....	.....	New Rochelle, c.....	0.76	2.78	.....
				Scarsdale.....	.....	Scarsdale, v.....	1.41	.....	.....
20*	106-A	.....	White Plains—Armonk, Part 1.....	North Castle.....	4.02	.....	.....	4.02	.....
34*	98	.....	Ardley—Elmsford, Part 2.....	Greenburg.....	1.43	Elmsford, v.....	0.44	2.15	.....
35*	106-A	.....	White Plains—Armonk, Part 2.....	Mt. Pleasant.....	0.28	.....	.....	.....	.....
				North Castle.....	3.28	.....	.....	3.28	.....

* 0.21 mile in Galen and 0.41 mile in Savannah. This contract covered only the placing of corduroy and preliminary grading. Pavement placed under No. 5989.
 * Original mileage 3.76. New York City built on new location 2.87 miles to replace 2.61 miles of No. 20 which were flooded by Kensico reservoir. The present mileage is shown. * 0.57 mile included in State Route No. 2. * 1.61 miles included in State Route No. 1. Original mileage 3.21. New York City built 1.42 miles to replace 1.35 miles of No. 35 which were flooded by the Kensico reservoir. The present mileage is shown. * Exclusive of villages. * Contract length 3.48 miles. 3.47 miles built of which 0.03 mile was reconstructed under No. 5378.

WESTCHESTER COUNTY — Continued

COUNTY HIGHWAYS

High- way No.	Petition No.	Name of highway	Miles in town	City or village	Miles in city or vil- lage	Miles under con- struc- tion	Miles ap- proved and awaiting contract
50	107	Armonk—Mt. Kisco	1.68	North Castle	.....	4.45	.....
51 ¹	108	Mt. Kisco—Bedford	2.77	New Castle	.....	5.04	.....
52 ²	99	Unionville—McKeels Corners	5.04	Bedford	.....	3.69	.....
53	100	McKeels Corners—Briarcliff Manor	3.69	Mt. Pleasant	.....	1.76	.....
54	101	.....	.....	Oswining	.....	.....	.....
		.....	0.81	Mt. Pleasant	.....	.....	.....
		.....	0.82	Oswining	.....	.....	.....
		.....	0.54	New Castle	.....	2.67	.....
143	102	Echo Lake—Pines Bridge	2.54	New Castle	.....	3.14	.....
		.....	0.60	Yorktown	.....	.....	.....
144 ³	109	Bedford—Cross River	4.12	Bedford	.....	5.02	.....
		.....	0.36	Poundridge	.....	.....	.....
		.....	0.54	Lewisboro	.....	.....	.....
148	103	Pines Bridge—Yorktown Heights	3.48	Yorktown	.....	3.48	.....
149	104	Yorktown Heights—Putnam Co. L.	1.57	Yorktown	.....	6.62	.....
		.....	5.05	Somers	.....	.....	.....
150	110	Cross River—Turk Hill	3.27	Lewisboro	.....	3.27	.....
151	111	Turk Hill—Putnam County Line	0.39	Lewisboro	.....	5.99	.....
261	170	Peekskill—Salem Center, Part 1	5.60	North Salem	.....	5.86	.....
262 ⁷	170	Peekskill—Salem Center, Part 2	5.86	Somers	.....	4.66	.....
		.....	4.66	North Salem	.....	.....	.....
331 ⁴	170-A	Peekskill—Salem Center, Part 3	2.33	Cortlandt	.....	3.88	.....
		.....	1.55	Yorktown	.....	.....	.....

332	170.....	Peekskill—Salem Center, Part 4....	Yortown.....	3.23	.....	3.23	.....
405	102, 103.....	Kitchawan—Croton Lake.....	Yortown.....	2.12	.....	2.12	.....
503:	{ 956.....	Tarrytown—White Plains.....	Greenburg.....	2.41	Elmsford, v... 1.60	7.31	.....
	{ 956.....	White Plains—Rye, Parts 1 & 2....	Harrison.....	3.30	.....	.....	.....
519	972.....	Mt. Kisco—Pleasantville.....	{ New Castle.....	3.35	.....	3.92	.....
			{ Mt. Pleasant.....	0.57	.....	.....	.....
520	972.....	Pleasantville—Pocantico Hills.....	Mt. Pleasant.....	3.55	.....	3.55	.....
537	988.....	Mt. Kisco—Millwood.....	New Castle.....	4.39	.....	4.39	.....
657	1302.....	Croton River—Peekskill.....	Cortlandt.....	5.88	Peekskill, v... 0.13	6.01	.....
768	1281, 1001..	Ossining—Kitchawan.....	{ Ossining.....	1.6	.....	.....	.....
			{ New Castle.....	1.77	.....	5.86	.....
			Yortown.....	2.93	.....	.....	.....
769	1830.....	Amawalk—Woods Bridge.....	Somers.....	4.21	.....	4.21	.....
770	2166.....	Goldens Bridge—Turk Hill.....	Lewisboro.....	3.50	.....	3.50	.....
775:	1831.....	Goldens Bridge—Croton Falls.....	{ Somers.....	4.13	.....	4.42	.....
			{ North Salem.....	0.29	.....	.....	.....
780	1832.....	White Plains Town Line—Harrison..	Harrison.....	2.91	.....	2.91	.....
865	V-44.....	Mt. Kisco Village.....	{ New Castle.....	.....	Mt. Kisco, v... 1.32	2.96	.....
			Bedford.....	.....	Mt. Kisco, v... 1.64	.....	.....
869	2166.....	Cross River—Crafts Corners.....	Lewisboro.....	5.69	.....	5.69	.....
900	2199.....	Woods Bridge—Lewis Corners.....	{ Lewisboro.....	0.17	.....	4.26	.....
			Bedford.....	4.09	.....	.....	.....
901	2731.....	Port Chester—Crystal Springs, Pt. 1	Rye.....	1.92	.....	1.92	.....

1116 miles included in State Route No. 1.

0.01 mile included in State Route No. 2.

0.27 mile included in State Route No. 1.

Present mileage shown.

1.52 miles included in State Route No. 2.

0.60 miles included in State Route No. 1.

0.24 mile included in State Route No. 1.

0.03 mile included in State Route No. 1.

Exclusive of villages.

portion of original contract 4.55 miles in Bedford, 0.30 in Poundridge and 0.45 in Lewisboro. New York City re-located

WESTCHESTER COUNTY — Continued

COUNTY HIGHWAYS	Highway No.	Petition No.	Name of highway	Town	*Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
1015	2197.....		Cystal Springs—Chappaqua—Mill-wood.....	{ North Castle. Mount Pleasant.....	1.63 0.86			7.24	.....	.....
1052	2166.....		Crafts Corners—Vista.....	New Castle.....	4.75				.....	.....
1053	V-142.....		Ardley Village.....	Lewisboro.....	4.68			4.68	.....	.....
1167	V-189, 2884.		Hastings-on-Hudson Village: Saw Mill River Road.....	Greenburg.....	.....	Ardley, v.....	1.46	1.46	.....	.....
1207	V-268, 3474.		Croton-on-Hudson Village: River-side Avenue.....	Greenburg.....	0.64	Hastings, v.....	0.64	1.28	.....	.....
1306	{ 2198, 2199, 3181, 3617 }		Williams Corners—Scott Corners.....	Cortlandt.....	0.05	Croton, v.....	1.23	1.28	.....	.....
1307	2196.....		Ossining—Millwood.....	Bedford.....	0.97			.....	5.72	.....
1308*	{ 2713, 3604, 3562 }		Hawthorne—Pleasantville.....	Poundridge.....	4.75			.....	.....	.....
1309†	2811.....		Peekskill—Putnam County Line.....	Ossining.....	0.89			1.89	.....	.....
				New Castle.....	1.00			2.14	.....	.....
				Mt. Pleasant.....	2.14			6.63	.....	.....
1323	3560, 2195..		Ossining—Kitchawan—Pine Bridge.....	Cortlandt.....	2.18			4.62	.....	.....
1324	2812.....		Whitehall Corners—Wright Corners.....	Yorktown.....	4.45			.....	.....	.....
1325	2813.....		Thorn Corners—Teed Corners.....	Ossining.....	0.56			3.02	.....	.....
1340	2809, 2810..		Grant Cor.—Rundall Cor.—Bailey Cor.—State Line.....	New Castle.....	2.42			2.81	.....	.....
				Yorktown.....	1.64			.....	.....	.....
				Somers.....	3.02			.....	.....	.....
1341	3561.....		Weaver Street.....	Somers.....	2.81			.....	.....	.....
				North Salem.....	4.25			.....	.....	4.25
				Scarsdale.....	.....	Scarsdale, v.....	0.18	0.35	.....	.....
				.....	.....	New Rochelle, v.....	0.17	.....	.....	.....

1370	{ 3652, V-366, 3679.....	{ Harts Corner—White Plains.....	{ Greenburg.....	0.82	.....	White Plains, c.	0.92	.....	1.74
1456	{ 3653, T-3, T-4.....	{ Westchester Avenue.....	{ Harrison.....	0.25	.....	.....	.....	.....	1.09
1457	{ 3688, 3216, 2891.....	{ Lake St., Ridge St. and Harrison Ave.....	{ Rye.....	0.84	.....	.....	.....	.....	.....
			{ Harrison.....	0.62	.....	.....	.....	.....	.....
			{ Rye.....	3.20	Mamaroneck, v.	0.53	.....	4.62	.....
			{ Rye.....	.....	Rye, v.	0.27	.....	.....	.....
			Towns.....	180.76	.....	.....	.....	165.06	9.54
			Villages.....	.....	.....	.....	.....	13.59	12.79
			Cities.....	.....	.....	.....	.....	1.85	0.93
			Totals.....	180.76	.....	.....	.....	15.44	178.78
					.....	.....	.....	10.34	7.08
5003	Route No. 1	9 Armonk—Byram Lake.....	North Castle.....	3.44	.....	.....	.....	3.44	.....
5146	1	10 Byram Lake—Bedford.....	{ North Castle..... Bedford.....	{ 1.94 1.40	.....	.....	.....	{ 3.34.....	.....
5147*	2	13 Peekskill—Fishkill, Part 1.....	Cortlandt.....	1.89	.....	.....	.....	1.89	.....
5226	1	6, 7 White Plains—Rye Lake.....	{ Harrison..... North Castle.....	{ 5.01 2.00	.....	.....	.....	{ 7.01.....	.....
5231	2	2 Yonkers—White Plains.....	Greenburg.....	5.22	.....	.....	.....	5.22	.....
5298	4	1 12 Bedford—Goldens Bridge.....	{ Bedford..... Lewisboro.....	{ 5.50 1.63	.....	.....	.....	{ 7.03.....	.....
5298-A					.....	.....	.....

* Original contract forfeited May 1, 1916.

† Original contract forfeited August 2, 1916.

‡ Part in Putnam county. Total length 3.63 miles.

§ Original contract cancelled. Re-let as No. 5298-A.

* Exclusive of villages.

WESTCHESTER COUNTY — Concluded

STATE HIGHWAYS	Highway No.	Route No.	Section	Name of highway	Town	Miles in town	Miles in city or village	Miles in city or village (large)	Miles completed (ton)	Miles under construction	Miles approved and awaiting contract
5321	1	5½		White Plains—Rye, Part 2.....	.....	.....	White Plains, c.	1.64	1.64	.....	.....
5355	1	4		Tuckahoe—White Plains, Part 1....	East Chester.....	2.43	.....	.....	2.43	.....	.....
5356	1	5		White Plains Village.....	.....	.....	White Plains, c.	2.23	2.23	.....	.....
5357	1	2		Bronxville Village.....	East Chester.....	.....	Bronxville, v....	0.95	0.95	.....	.....
5358	1	1		Mount Vernon City: Columbus Ave.	.....	.....	Mt. Vernon, c.	3.05	.....	3.05	.....
5359	2	1		Yonkers City: Central Avenue.....	.....	.....	Yonkers, c.....	6.48	6.48	.....	.....
5360	2	4		Eastview—Briarcliff Manor.....	Greenburg.....	0.18	Tarrytown, v..	0.55	5.04	.....	.....
5361	2	5		Briarcliff Manor Village.....	Mount Pleasant....	2.76	N. Tarrytown, v	1.55	.....	.....	.....
5362	1	3		Tuckahoe Village.....	Ossining.....	.....	Briarcliff Manor	0.83	0.83	.....	.....
5363	2	12		Peebles Hill Village.....	East Chester.....	.....	Tuckahoe, v....	0.25	0.25	.....	.....
5364	2	6, 8		Ossining—Croton River.....	Cortlandt.....	.....	Peebles Hill, v....	0.94	0.94	.....	.....
5364-A	2	6, 8		Ossining—Croton River.....	Ossining.....	1.68	.....	.....	1.68	.....	.....
5371	41	3		Larchmont Village.....	Mamaroneck.....	.....	Larchmont, v..	0.95	0.95	.....	.....
5372	41	2		New Rochelle—Mamaroneck.....	Mamaroneck.....	0.73	.....	.....	0.73	.....	.....
5373	41	5		Rye Village.....	Rye.....	.....	Rye, v.....	2.85	2.85	.....	.....
5374	41	1		Pelham—New Rochelle.....	Pelham.....	0.20	.....	.....	0.20	.....	.....
5375	41	1½		Pelham Manor Village.....	Pelham.....	.....	Pelham Manor.	1.34	1.34	.....	.....

5376	{ 41 Pet. V-1143 }	Mamaroneck Village.....	{ Rye..... Mamaroneck..... }	Mamaroneck, v. 0.64 Mamaroneck, v. 0.65	1.29	....	....
5464	1	13 Goldens Bridge—Purdy—Croton Falls.....	{ Lewinboro..... North Salem..... }	0.68 4.05	4.73	....	....
5482	{ 2 Pet. V-1204 }	7 Owsing Village.....	Owsing.....	2.17	2.17	....	....
5571	2	3 White Plains—Eastview.....	{ Greenburg..... Mt. Pleasant..... }	2.91 1.38	....	4.29	....
5605 ¹	{ 1 Pet. V-1221 }	4-A Tuckahoe—White Plains, Part 2....	Scarsdale.....	2.74	2.74	....	....
		Towns.....	44.93	40.64	4.29	....	....
		Villages.....	16.41	16.41	....	....	....
		Cities.....	13.40	10.35	3.05	....	....
		Totals.....	44.93	29.81	67.40	4.29	3.05
SPECIAL HIGHWAYS							
5802	....	Yorktown Heights—Mohansic Lake	Yorktown.....	1.91	1.91	....	....
		Towns.....	1.91	1.91	....	....	....
COUNTY HIGHWAYS							
		Petition No.					
284	1914, 1954..	Castile Center—Perry Center.....	{ Castile..... Perry..... }	3.22 1.28	4.50	....	....
292	1914.....	Castile—Castile Center.....	Castile.....	1.43	1.43	....	....

¹ Final settlement never made.² Original contract cancelled.³ Original contract cancelled.⁴ Original contract forfeited.⁵ Exclusive of villages.

Re-let as No. 5364-A. 0.45 mile not on Route No. 2 owing to relocation of route. Completed by Department Forces.

WYOMING COUNTY

WYOMING COUNTY—Concluded

COUNTY HIGHWAYS

Highway No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or village	Miles completed	Miles under construction	Miles approved and awaiting contract
893	{ 1925, 1980, } 2898	Bliss-Smiths Corners	{ Eagle Wethersfield	2.18 1.43	.....	.....	3.61	.....	.....
894	1941, 2865..	Java Center—Java Village	Java	3.55	.....	.....	3.55	.....	.....
975	V-73.....	Perry Village	{ Castle Perry	..... .....	Perry, v. Perry, v.	0.87 1.14	2.01	.....	.....
{ 976-1 } 976-A	2863, 3079..	Java Village—Wales	{ Java Sheldon	1.53 1.99	..... .....	..... .....	3.52	.....	.....
1055	1886.....	Arcade—East Arcade, Part 1	Arcade	1.94	.....	.....	.....	1.94	.....
1056	1905, 3136..	Attica—Schaub Corners	Attica	2.90	Attica, v.	0.54	.....	3.44	.....
1057	1908.....	Darien Center—Bennington, Part 2	Bennington	2.27	.....	.....	.....	2.27	.....
1088	3207.....	Castile Village	Castile	.....	Castile, v.	1.53	.....	1.53	.....
1155	3342, V-300	County Line—Arcade	Arcade	0.38	Arcade, v.	2.41	2.79	.....	.....
1267	{ 1904-7-'9 3550, V-338	Bennington—Attica—Attica Ctr., Parts 2 and 3	Bennington Attica	2.68 3.34	..... Attica, v.	..... 0.97	.....	6.99	.....
1349	1759, 1758..	Varysburg—Warsaw, Part 2	{ Orangeville Warsaw	3.08 1.65	..... .....	..... .....	.....	4.73	.....
Totals.....				34.85	.....	.....	16.99	10.75	7.11
Villages.....				.....	.....	7.46	4.42	2.50	0.54
Cities.....				.....	.....	.....	.....	.....	.....
Totals.....				34.85	.....	7.46	21.41	13.25	7.65

STATE HIGHWAYS												
	Route No.	Section										
5024	18	7, 11	Warsaw—Pavilion, Parts 1 and 5...	{	Warsaw.....	0.59	.....	.....	.....	.....	2.67	.....
					Covington.....	2.08	.....	.....	.....	.....	.....	.....
5134	16	8	Warsaw—Pavilion, Part 2.....	{	Warsaw.....	0.99	.....	.....	.....	.....	3.50	.....
					Middlebury.....	2.60	.....	.....	.....	.....	.....	.....
5400	16	4, 6	Warsaw—Gainesville.....	{	Warsaw.....	2.19	Warsaw, v.....	2.52	.....	.....	8.89	.....
					Pet. V-1085	.....	Gainesville.....	3.63	Gainesville, v..	0.55	.....	.....
5400-A ²	16	5	Warsaw—Gainesville.....	{	Gainesville.....	0.48	.....	.....	.....	.....	0.48	.....
5410	16	9, 10	Warsaw—Pavilion, Parts 3 and 4...	{	Middlebury.....	1.53	Wyoming, v...	0.86	.....	.....	3.88	.....
					Covington.....	1.49	.....	.....	.....	.....	.....	.....
<hr/>												
			Towns.....		15.58	.....	.....	.....	.....	.....	15.58	.....
			Villages.....		.....	.....	.....	.....	.....	.....	3.93	.....
			Cities.....		.....	.....	.....	.....	.....	.....	.....	.....
<hr/>												
			Totals.....		15.58	.....	.....	.....	.....	.....	3.93	19.51
<hr/>												
FEDERAL AID HIGHWAYS												
8000	....	....	Perry Center—Moscow, Pt. 1.....	Perry.....	.....	2.59	.....	.....	.....	.....	.....	2.59
			Towns.....		2.59	.....	.....	.....	.....	.....	.....	2.59

1 Original contract forfeited July 10, 1914. Re-awarded September 28, 1915 and forfeited May 26, 1916. Re-awarded June 28, 1916, of which 1.86 miles was cancelled and re-let as 976-A.

2 Portion at present crossing omitted from the contract for No. 5400.

3 Total length 3.43 miles.

4 Board of Supervisors rescinded approval of plans before amendment to Chapter 113, Laws of 1893, prohibited such action.

* Exclusive of villages.

YATES COUNTY—Concluded

COUNTY HIGHWAYS.

High- way No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
1265	V-276, 3271.	Dresden—Penn Yan.....	{ Torrey..... Benton..... Milo.....	2.70 1.27 0.22	Dresden, v.... Penn Yan, v... Penn Yan, v...	0.81 0.18	5.18	....	.....
1210	{ 365, 3484, V-288.....	Penn Yan—Branchport, Part 1....	Jerusalem.....	5.53	Penn Yan, v....	0.47	6.00	....	.....
1352	{ 3487, 3489, 3483.....	Rushville—Potter—Middlesex— Overacker Corners.....	{ Potter..... Middlesex.....	4.32 4.80	Rushville.....	0.51 .....	.....	9.63	.....
		Towns.....	19.71				10.59	9.12	
		Villages.....	.....			1.97	1.46	0.51	
		Cities.....	.....			.....	.....	.....
		Totals.....	19.71			1.97	12.05	9.63	

COUNTY HIGHWAYS

High- way No.	Petition No.	Name of highway	Town	Miles in town	City or village	Miles in city or vil- lage	Miles com- pleted	Miles under con- struc- tion	Miles ap- proved and awaiting contract
5013	12	North Reading—Dundee, Part 1...	Starkey.....	1.99			1.99	....	.....
5126	12	North Reading—Dundee, Part 2...	Starkey.....	1.66	Dundee, v....	1.02	2.68	....	.....
5201	{ 12 Pet. V-1068	Penn Yan Village.....	{ Milo..... Benton.....	..... .....	Penn Yan, v... Penn Yan, v...	1.41 0.34	1.75	....	.....
5323	12	Penn Yan—Halls Corners.....	Benton.....	6.25			6.25	....	.....

5334 } 5324-A }	* 12	3-6	Dundee—Penn Yan.....	{ Starkey.....	Dundee, v.....	0.46	
				{ Barrington.....	5.17		10.89
				{ Milo.....	5.26		
5334 } 5324-A }	* 12	1	Watkins—Yates County Line.....	Starkey.....	0.41		0.41
				Towns.....	20.74		20.33
				Villages.....		3.23	3.23
				Cities.....			
				Totals.....	20.74	3.23	23.56
							0.41

* Total length 8.15 miles. 1.90 miles in Ontario county.

* Original contract 10.89 miles; 2.47 miles cancelled and re-let as No. 5324-A.

* Total length 7.25 miles. 7.44 miles in Schuyler county. Original contract cancelled. Re-let as No. 5334-A.

* Exclusive of villages.

APPENDIX C

TABLE SHOWING STATUS OF STATE ROUTES DECEMBER 31, 1918

SECTION 120 OF CHAPTER 30, LAWS OF THE STATE OF NEW YORK, OF 1909

Highways to be constructed or improved by the state.— The highways which have been heretofore constructed or improved under the provisions of chapter one hundred and fifteen of the laws of eighteen hundred and ninety-eight, and the acts amendatory thereof, which are included in the routes hereinafter described, together with such other highways as are constructed or improved by the commission in accordance with the routes set forth and described in this section, shall be state highways and shall be constructed or improved at the sole expense of the state as provided in this article. Such routes are hereby set forth and described as follows:

STATE ROUTE No. 1

Commencing at a point on the dividing line between Westchester county and New York, and running thence northerly through Mount Vernon to the dividing line between the town of Eastchester and the city of Mount Vernon, thence northerly along Post road to White Plains, thence southeasterly along Westchester avenue to Purchase street, thence northerly by Purchase street, by Rye lake and King street to state road, thence northerly by same to Armonk, thence easterly and northeasterly through the town of North Castle to Bedford village, thence northerly to Katonah, thence along the east side of the Croton river by Golden's bridge and Purdy's station to a point on the dividing line between Putnam and Westchester counties at or near Croton Falls, running thence northerly through the eastern portion of Putnam county by the way of Brewster, to a point on the dividing line between Dutchess and Putnam counties at or near Patterson, running thence northerly by the way of Pawling, Wingdale, Dover Plains, Amenia, to a point to be determined by the commission, on the dividing line between Columbia and Dutchess counties, running thence northerly in Columbia county by way of Copake to Chatham, thence northwesterly to a point at or near Valatie, running thence northerly to a point to be determined by the commission, on the dividing line between Rensselaer and Columbia counties, running thence northerly and northwesterly through the southwestern portion of Rensselaer county to a point to be determined by the commission on the Hudson river opposite or nearly opposite the city of Albany.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
WESTCHESTER COUNTY								
1	N. Y. City Line	Mt. Vernon: No. Corp. L.	5358					3 05
2	Mt. Vernon: No. Corp. Line	Bronxville: No. Corp. Line	5357	0 95				
3	Tuckahoe: So. Corp. Line	Tuckahoe: No. Corp. Line	5362	0 25				
4	Tuckahoe: No. Line	Searsdale Town Line	5355	2 43				
4A	Searsdale Town Line	White Plains: So. Corp.	5606	2 74				
5	White Plains: So. Corp. Line	White Plains: E. Corp. Line	5356	2 23				
5A	White Plains: E. Corp. Line	Mamaroneck River, W. Br.	503		0 35			
5B	Mamaroneck River, W. Br.	Mamaroneck River, E. Br.	5321	1 64				
5C	Mamaroneck River, E. Br.	Purchase Street	503		1 25			
6	Rye Road	Rye Pond, N. Y. C. Pav't.	5226	3 88				
6A	Rye Pond	St. r's Corners	N.Y.C.			0 23		
7	N. Y. C. Pav't.	Valhalla Road	5226	3 13				
8	Valhalla Road	Armonk	35		1 61			
9	Armonk	Byram Lake	5003	3 44				
10	Byram Lake	Mt. Kisco Road	5146	3 34				
11	Mt. Kisco Road	Bedford	51		1 16			
11A	Bedford	Katonah Road	144		0 27			
12	Cross River Road	Golden's Bridge	5298	7 03				
13	Golden's Bridge		5464	2 5				
13A			282		0 03			
14	Croton Falls	Croton Falls	5464	2 16				
		Putnam County Line	775		0 24			
	(Note: N. Y. C.	New York City)						
	County total	43 98		5 79	4 88	0 26		3 05
PUTNAM COUNTY								
1	Westchester County Line	Deans Corners	5006	1 80				
2	Deans Corners	Brewster: So. Corp. Line	5438	1 64				
3	Brewster: So. Corp. Line	Brewster: E. Corp. Line	5098	1 14				
4	Brewster: E. Corp. Line	Akins Corners	5203	9 80				
4A	Akins Corners	Dutchess Co. Line	585		0 73			
	County total	15 11		14 38	0 73			
DUTCHESS COUNTY								
1	Putnam Co. Line	Pawling: So. Corp. Line	343		2 23			
2	Pawling: So. Corp. Line	Pawling: No. Corp. Line	5099	1 67				
2A	Pawling: No. Corp. Line	Dover Town Line	612		2 92			
3	Pawling Town Line	South Dover	5326	3 93				
4	South Dover	Wassic Steel Works	5460	10 8				
4A	Wassic Steel Works	Amenia	537		4 16			
6	Amenia	Delavergne Hill	5484	2 09				
7	Delavergne Hill	Northeast Town Line	5580				5 45	
8	Amenia Town Line	Shokomeko	5580				3 52	
9	Shokomeko	Bethel	5628				3 30	
10	Bethel	Pine Plains: Patchin Corners	5628				3 49	
11	Patchin Corners	Columbia Co. Line						0 91
	County total	42 54		18 56	9 31		13 76	0 91

STATE ROUTE No. 1—Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
COLUMBIA COUNTY								
1	Dutchess Co. Line	Gallatinville						3.30
2	Gallatinville	Anoram						2.40
3	Anoram	West Copake						4.80
4	West Copake	Copake Iron Works						4.10
5	Copake Iron Works	Hilledale	5347	4.85				
6	Hilledale	North Hilledale						4.20
7	North Hilledale	Green River						4.10
8	Green River	Austerlitz						3.30
9	Austerlitz	Spencertown	5629	5.02				
10	Spencertown	Chatham: E. Corp. Line	540		3.00			
11-12	Chatham: E. Corp. Line	Chatham: W. Corp. Line						1.40
13	Chatham W. Corp. Line	Race Track						2.60
14	Race Track	Valatie: So. Corp. Line						3.10
15-16	Valatie: So. Corp. Line	Valatie: Albany Street						0.80
17	Valatie: Main Street	Valatie: St. John's Church	5104	0.15				
18	Valatie: St. John's Church	Rensselaer Co. Line	5074	4.32				
County total				51.23	14.34	3.09		33.80
RENSSELAER COUNTY								
1, 2	Columbia County Line	Albany-Nassau Road	5084	2.90				
3		Schoharie Center	5029	2.78				
4	Valatie Road	Rensselaer: So. Corp. Line	536		1.34			
5, 6	Schoharie Center	Rensselaer: Akin Ave	202		5.42			
7	Rensselaer: So. Corp. Line	Rensselaer: Hudson River	5107	0.30				
8	Rensselaer: Akin Ave		City			0.40		
County total				13.23	6.07	6.76	0.40	
Route totals					89.14	24.77	0.66	13.76
Total miles in Route No. 1								166.09

STATE ROUTE No. 2

Commencing at Jerome avenue on the dividing line between Westchester county and New York city and running thence northerly along Jerome avenue and Central Park avenue to Hartdale, thence along the Sprain road and Laniers road to Fair Grounds, thence northerly to cross road between Greenburgh, and Mount Pleasant, thence westerly along the same to the Saw Mill River road and the Tarrytown Lake road to Bedford road, thence along the Sleepy Hollow road northerly and westerly to the Albany post road, thence northerly along Albany post road through Briar Cliff, Ossining and Croton Landing, thence along Old Yorktown road to Cornell Dam, thence along westerly side of Croton lake to Dixie Hill, thence northerly along Croton avenue to Crompound road, thence westerly along Crompound road through Peekskill to Albany post road, thence northerly from Peekskill, to a point to be determined by the commission, on the dividing line between the towns of Phillipsburg, Putnam county, and Cortlandt, Westchester county, running thence northerly through the western portion of Putnam county to a point to be determined by the commission, on the dividing line between Dutchess and Putnam counties, running thence northerly by the way of the city of Poughkeepsie and Rhinebeck, to a point to be determined by the commission, on the dividing line between Columbia and Dutchess counties, running thence northerly, through Blue Store and Johnstown to Bell's Pond, and thence northerly along the Ancram turnpike and North avenue, to the city of Hudson, running thence northeasterly from the city of Hudson to a point at or near Valatie, connecting with route number one, as above described.

Amended by L. 1910, ch. 648.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
WESTCHESTER COUNTY								
1	N. Y. City Line	Greenburg Town Line	5359	6.48				
2	Yonkers Town Line	Elmsford-White Plains Rd.	5231	5.22				
2 1	Dobbs Ferry Road	White Plains-Eastview Rd.	507		0.10			
3	Elmsford-White Plains Rd.	Elmsford-Eastview Road	5571				4.23	
3A	White Plains-Eastview Rd.	Eastview-McKeels Cora. Rd.	34		0.57			
3B	Eastview-Elmsford Road	Brown's Corners	52		0.04			
3C	Brown's Corners	Briarcliff Manor Road	5571				0.06	
4	Eastview	Albany Post Road	5360	5.04				
4A	Eastview Road	Ossining Town Line, Briarcliff Town				0.07		
5	Mt. Pleasant Town Line	Briarcliff Manor: No. Corp. L.	5361	0.83				
6	Briarcliff Manor: No. Corp. L.	Ossining: So. Corp. Line	5364	0.31				
7	Ossining: So. Corp. Line	Ossining: Main Street	5482	1.44				
7A	Ossining: Main Street	Ossining: Broadway				0.08		
7	Ossining: Broadway	Ossining: No. Corp. Line	5482	0.73				
8	Ossining: No. Corp. Line	Crotonville School House	5364	0.92				
9	Crotonville School House	Croton: Grand & Maple Sts.						2.25
10	Croton: Gr. & Maple Sts.	Peekskill-Yorktown Road						7.55
10A	Croton Ave.	Peekskill: East Corp. Line	331		1.52			
11	Peekskill: East Corp. Line	Peekskill: First Street				0.27		1.33
11A	Peekskill: First Street	Peekskill: Howard Street	Village					
12	Peekskill: Howard Street	Peekskill Creek	5363	0.94				
13	Peekskill Creek	Putnam County Line	5147	1.89				
				23.80	2.23	0.42	4.29	11.13
Also:								
E	Crotonville: School House	Croton: River Bridge	5364	0.45				
County total				42.32	24.25	2.23	0.42	4.29
PUTNAM COUNTY								
1	Westchester County Line	Garrison Road	5147	1.74				
2	Garrison Road	Hill Country House	5387	2.38				
3	Hill Country House	McKeel Corners	5156	4.35				
4, 5	McKeel Corners	Dutchess County Line	5149	4.17				
County total				12.64	12.64			
DUTCHESS COUNTY								
1	Putnam County Line	Peekskill: Church Street	5150	3.65				
2	Peekskill: Church Street	Wappinger Falls: So. St.	5154	4.81				
3	Wappinger Falls: So. St.	Wappinger Falls: No. Corp. L.	5549	0.88				
4	Wappinger Falls: No. Corp. L.	Casper Creek	5050	2.14				
5	Casper Creek	Poughkeepsie: So. Corp. L.	223	3.90				
6	Poughkeepsie: So. Corp. L.	Poughkeepsie: Livingston St.	5489	0.18				

STATE ROUTE No. 2 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
DUTCHESS COUNTY — Concluded								
6A	Poughkeepsie: Livingston St.	Poughkeepsie: Mansion St.	City			1.00		
7	Poughkeepsie: Mansion St.	Poughkeepsie: No. Corp. L.	5489	0.61				
7A	Poughkeepsie: No. Corp. L.	Hyde Park Town Line	9003			1.46		
8	Poughkeepsie Town Line	Hyde Park	453		4.00			
8A	Hyde Park	Vanderbilt Road	9004			0.83		
9	Vanderbilt Road	Rhinebeck Town Line	5135	5.22				
10	Hyde Park Town Line	Rhinebeck: So. Corp. L.	432		3.36			
11, 12	Rhinebeck: So. Corp. Line	Red Hook Town Line	5092	4.15				
13	Rhinebeck Town Line	Red Hook: So. Corp. Line	552		1.20			
14	Red Hook: So. Corp. Line	Red Hook: No. Corp. Line	5086	1.33				
15	Red Hook: No. Corp. Line	Columbia County Line	552		4.24			
County total.....				42.96	22.97	16.70	3.29	
COLUMBIA COUNTY								
1	Dutchess County Line	Jansen Kill Creek	589		3.77			
2	Jansen Kill Creek	Livingston	5004	3.64				
3	Livingston	Bell Pond	5072	3.59				
4, 5	Bell Pond	Hudson: So. Corp. Line	5073	5.08				
6	Hudson: So. Corp. Line	Hudson: E. Corp. Line	5574	1.17				
7	Hudson: E. Corp. Line	Stockport: Town Line	341		2.60			
8	Stockport: Town Line	Stottville	619		0.21			
9, 10	Stottville	Stuyvesant Falls	5103	5.20				
11-13	Stuyvesant Falls	Route No. 1, Valatie	5104	5.49				
County total.....				29.76	23.17	6.59		
Route totals.....					53.03	25.82	3.71	4.29 11.13
Total miles in Route No. 2.....								127.68

STATE ROUTE No. 3

Commencing at a point to be determined by the commission, on the dividing line between the towns of Orangetown, Rockland county, and the state of New Jersey, running thence northerly through the eastern portion of Rockland county by the way of points at or near Nyack and Haverstraw, to a point to be determined by the commission, on the dividing line between Orange and Rockland counties, running thence northerly through the eastern portion of Orange county to the city of Newburgh, thence northerly from the city of Newburgh to a point to be determined by the commission, on the dividing line between Ulster and Orange counties, running thence northerly through the eastern portion of Ulster county to a point on the Rondout creek at or near the present chain ferry known as the "Sleightburgh Ferry," thence over said creek into the city of Kingston by suitable bridge to be constructed and maintained by the commission, running thence northerly from the city of Kingston to a point to be determined by the commission, on the dividing line between Greene and Ulster counties, running thence northerly through the eastern portion of Greene county to points at or near Catskill, Athens and Coxsackie, to a point to be determined by the commission, on the dividing line between Albany and Greene counties, running thence northerly to the city of Albany.

Amended by L. 1912, ch. 157.

Section number	FROM	TO	Highway number	MILES COMPLETED			con-tract	Approximate mile-age to be built
				State	County	Town or cor-poration		
ROCKLAND COUNTY								
1	New Jersey State Line.....	Sparkill: Cartaret Road.....	5512					2.30
2	Sparkill: Highland Avenue.....	Piermont: S. W. Corp. Line.....	728		0.08			
2A	Piermont: S. W. Corp. Line.....	Piermont: St.....						0.35
3	Piermont: St.....	Grand View: So. Corp. Line.....	5512					1.36
3A	Grand View: So. Corp. Line.....	Nyack: So. Corp. Line.....						1.20
4	Nyack: So. Corp. Line.....	Nyack: No. Corp. Line.....	Village			0.56		1.89
4	Nyack: No. Corp. Line.....	Congers.....				0.53		4.47
5	Congers.....	Long Clove.....	5002	1.61				
6	Long Clove.....	Haverstraw: Main Street.....	5165	2.16				
7	Haverstraw: Main Street.....	West Haverstraw: Thiells Av.....	5389	1.56				
8	West Haverstraw: Thiells Av.....	Tompkins Cove.....						3.90
9, 10	Tompkins Cove.....	Orange County Line.....	593		5.82			
	County total.....			27.88	5.33	5.90	1.09	15.56
ORANGE COUNTY								
1	Rockland County Line.....	Garrison Farms.....	5480	1.48				
2	Garrison Farms.....	Highland Falls: So. Corp. L.....						2.10
3	Highland Falls: So. Corp. L.....	Highland Falls: Mt. Ave.....						0.48
4	Highland Falls: Main St.....	West Point-Ct. Valley Road.....	Rt. 4	2.14				
5	Mountain Avenue.....	Storm King Road.....	5573				1.17	
6	Reservation Road.....		5498				1.27	
7, 8		Cornwall: Bay View Ave.....	5572				2.76	
9	Cornwall: Storm King Road.....	Cornwall: Main Street.....						2.00
9A	Cornwall: Hudson Street.....	N. Y. O. & W. R. R., South.....	415		1.00			
10	N. Y. O. & W. R. R., South.....	N. Y. O. & W. R. R., North.....	5591	0.38				
10A	N. Y. O. & W. R. R., North.....	Woodlawn Cemetery.....	415		1.63			
11	Woodlawn Cemetery.....	Newburg: So. Corp. Line.....	42		1.02			
12-14	Newburg: So. Corp. Line.....	Newburg: No. Corp. Line.....	City			2.20		
15	Newburg: No. Corp. Line.....	Balmville.....						1.25
16	Balmville.....	Cedar Hill Cemetery.....	5007	3.28				
17	Cedar Hill Cemetery.....	Ulster County Line.....	5176	1.10				
	County total.....			23.12	6.24	3.65	2.20	5.83
ULSTER COUNTY								
1	Orange County Line.....	Marlboro: So. Corp. Line.....	5176	1.08				
2	Marlboro: So. Corp. Line.....	Milton.....	5114	3.82				
3	Milton.....	Lloyd Town Line.....	5001	1.57				
4	Marlboro Town Line.....	Highland.....	231		3.30			
4A	Highland.....	Esopus Town Line.....	231		3.78			
5, 6	Lloyd Town Line.....	Ulster Park.....	5508	6.48				
7	Ulster Park.....	Sleightsburg.....	310		3.84			
8	Sleightsburg.....	Kingston: Abel Street.....	5599A					0.49
8A	Kingston: Abel Street.....	Kingston: Albany Ave.....	City			1.75		
9	Kingston: Albany Ave.....	Kingston: No. Corp. Line.....	City			1.10		
10	Kingston: No. Corp. Line.....	Katrine.....	5000	3.22				
11	Katrine.....	Saugerties: So. Corp. Line.....	228		5.66			
12-13	Saugerties: So. Corp. Line.....	Saugerties: No. Corp. Line.....	5601	1.85				
14-15	Saw Kill Creek.....	McGee's.....	5169	3.57				
15A	McGee's.....	Greene County Line.....	R. R.			0.10		
	(Note: R.R., built by Railroad)							
	Also:							
9	Eddyville Bridge.....		5192	0.24				
	County total.....			41.85	21.59	16.58	2.95	0.49
					21.83	16.58	2.95	0.49

*Not included in total.

County total..... 41.85

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STATE ROUTE No. 3 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
GREENE COUNTY								
0	Ulster County Line.....	Smith Landing Road.....	R. R.			0.23		
1	Smith Landing Road.....	Young's Corners.....	5166	3.87				
2	Young's Corners.....	Catskill: W. Corp. Line.....	5027	1.94				
3	Catskill: W. Corp. Line.....	Catskill: Division Street.....	5366	0.86				
4	Catskill: Division Street.....	Catskill: Creek Bridge.....	5409	0.23				
5	Catskill: Creek Bridge.....	Catskill: Thompson St.....	Village			0.18		0.48
6	Catskill: Thompson St.....	Catskill: No. Corp. Line.....	5366	0.40				
7	Catskill: No. Corp. Line.....	Athens: So. Corp. Line.....	5367	2.85				
8	Athens: So. Corp. Line.....	Athens: No. Corp. Line.....	5367	3.12				
9	Athens: No. Corp. Line.....	Coxsackie: So. Corp. Line.....	5368	3.92				
10	Coxsackie: So. Corp. Line.....	Coxsackie: W. Corp. Line.....	5360	2.22				
11, 12	Coxsackie: W. Corp. Line.....	New Baltimore Road.....	5198	4.62				
13	New Baltimore Road.....	Albany County Line.....	5370	2.70				
	(Note: R.R., built by Railroad Co.)							
	County total.....	27.62		26.73		0.41		0.48
ALBANY COUNTY								
1	Greene County Line.....	Ravena.....						0.77
2	Ravena.....	Coeyman Creek.....						3.80
3	Coeyman Creek.....	Becker Corner-Selkirk Road.....						2.10
4	Becker Corner-Selkirk Road.....	Becker Corners.....	193		0.82			
5	Becker Corners.....	Bethlehem Center.....						4.13
6	Bethlehem Center.....	Albany: So. Corp. Line.....	5499	2.38				
	County total.....	14.00		2.38	0.82			10.80
	Route totals.....			62.51	26.95	6.65	5.20	33.16
Total miles in Route No. 3.....								134.47

STATE ROUTE No. 3A

Commencing at a point, to be determined by the commission, on the Delaware river at or near the city of Port Jervis in Orange county, running thence northwesterly along the Delaware river, as nearly as practicable, to a point to be determined by the commission on the dividing line between Sullivan and Delaware counties, thence to the village of Hancock, connecting with route number four.

Amended by L. 1911, ch. 263.

Section number	FROM	TO	Highway number	MILES COMPLETED			con- tract	Approximate mile- age to be built
				State	County	Town or cor- poration		
ORANGE COUNTY								
1	Delaware River Bridge.....	Port Jervis: E. Main St.	City			0.55		
2	Port Jervis: Pike St.	Port Jervis: Grand View Av.	City			0.52		
3	Port Jervis: W. Main St.	Port Jervis: W. Corp. Line....	City			0.29		
4	Port Jervis: W. Corp. Line....	Old Bolton Basin.....	412		2.33			
5	Old Bolton Basin.....	Mongaup River.....						3.20
County total.....			6.89		2.33	1.36		3.20
SULLIVAN COUNTY								
1	Mongaup River.....	Upper Mongaup.....						2.20
2	Upper Mongaup.....	Glen Spey-Pond Eddy Rd.						3.20
3	Glen Spey-Pond Eddy Rd.	Highland Town Line.....						2.00
4	Lumberland Town Line.....	Eldred.....						2.20
5	Eldred.....	Blind Pond.....						2.00
6	Blind Pond.....	Beaver Brook.....						2.00
7	Beaver Brook.....	Swamp Mills.....						3.00
8	Swamp Mills.....	Lava-Tusten Road.....						1.80
9	Lava-Tusten Road.....	Narrowsburg-Lava Road.....						2.00
10	Narrowsburg-Lava Road....	Cochecton Town Line.....						2.50
11	Tusten Town Line.....	Cochecton.....						3.00
12	Cochecton.....	Delaware Town Line.....						2.30
13	Cochecton Town Line.....	Callicoon Depot.....						3.00
14	Callicoon Depot.....	Freemont Town Line.....						2.00
15	Delaware Town Line.....	Hackett-Freemont Ctr. Rd.						2.85
16	Hackett-Freemont Ctr. Rd.	Delaware Co. Line.....						2.83
County total.....			42.49					42.48
DELAWARE COUNTY								
1, 2	Sullivan County Line.....	Sand Pond.....						5.70
3, 4	Sand Pond.....	French Woods.....						4.00
5	French Woods.....	Hancock: So. Corp. Line.....						2.10
6	Hancock: So. Corp. Line....	Hancock: Route No. 4.....						0.50
County total.....			12.90					12.90
Route totals.....					2.33	1.86		58.58
Total miles in Route No. 3A.....								62.27

STATE ROUTE No. 4

Commencing at a point to be determined by the commission on route number three, running thence through Orange county by the way of Middletown to a point to be determined by the commission, on the dividing line between Sullivan and Orange counties, running thence westerly and northerly through Sullivan county by the way of Monticello to a point to be determined by the commission, on the dividing line between Delaware and Sullivan counties, thence to Deposit, on the dividing line between Broome and Delaware counties, running thence westerly by the way of Windsor to the city of Binghamton, running thence westerly from the city of Binghamton by the way of Lestershire and Esdickott, to a point to be determined by the commission, on the dividing line between Tioga and Broome counties, running thence westerly through the southern portion of Tioga county, to a point to be determined by the commission, on the dividing line between Chemung and Tioga counties, running thence westerly and northwesterly through the southern portion of Chemung county, to the city of Elmira, running thence northerly from the city of Elmira to a point at or near Horseheads, running thence westerly to a point to be determined by the commission on the dividing line between Steuben and Chemung counties, running thence westerly and northwesterly by the way of Corning, Addison and Castles, to the city of Hornell, running thence northwesterly and southwesterly from the city of Hornell to a point at or near Almond on the dividing line between Allegany and Steuben counties, running thence southwesterly to Wellsville, running thence northwesterly and westerly by the way of Belmont, Belvidere and Friendship and Cuba, to a point to be determined by the commission on the dividing line between Cattaraugus and Allegany counties, running thence southwesterly to the city of Olean, running thence westerly and northwesterly from the city of Olean by the way of Salamanca, Little Valley, Napoli and Randolph, to a point to be determined by the commission, on the dividing line between Chautauque and Cattaraugus counties, running thence westerly to the city of Jamestown, thence northwesterly by the way of Mayville, to Westfield.

Amended by L. 1911, ch. 747.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ORANGE COUNTY								
1	Route No. 2, Highland Falls.	Mine Lake.	5328	4.90				
2	Mine Lake.	Central Valley: Albany Turn.	5328A	0.90				
3	Central Valley: Mt. Ave.	" The Pines	5328	6.29				
4	" The Pines	Edwards Corners.	157		0.47			
5	Edwards Corners.	Harriman	118		1.13			
6	Harriman	Monroe: So. Corp. Line	46		1.51			0.66
7	Monroe: So. Corp. Line	Oxford.	5144	3.31				
8	Oxford.	L. & H. R. R. Crossing	5397	2.83				
	L. & H. R. R. Crossing	East Chester						0.37
	East Chester	Chester: No. Corp. Line	5397	1.11				
9	Chester: No. Corp. Line	Otter Kill	156		1.36			
	Otter Kill	Goshen: So. Corp. Line						1.56
11-12	Goshen: So. Corp. Line	Goshen: No. Corp. Line						1.26
13	Goshen: No. Corp. Line	Middletown: So. Corp. Line						5.24
14	Middletown: So. Corp. Line	Middletown: South Street	City		0.75			
15	Middletown: Gaining St.	Middletown: Wickham Ave.	City		0.72			
16	Middletown: Wickham Ave.	Middletown: No. Corp. Line	City		0.86			
17	Middletown: No. Corp. Line	Sullivan County Line	5316	6.78				
County total.....				41.92	26.12	4.47	2.30	9.63
SULLIVAN COUNTY								
1	Orange County Line.	R. R. Crossing (East).	5510	3.02				
2	R. R. Crossing (East).	R. R. Crossing (West).	5510A	0.43				
3	R. R. Crossing (West).	Sullivan Co. Club.	5510	5.16				
4	Sullivan Co. Club.	Neversink River (East).	5457	3.68				
5	Neversink River (East).	Bridgville.	5457A	0.72				
6	Bridgville.	Monticello: E. Corp. Line	5457	2.80				
7	Monticello: E. Corp. Line	Monticello: W. Corp. Line	5490	1.56				
8	Monticello: W. Corp. Line	Kinne Brook	5035	2.49				
9	Kinne Brook	Liberty Town Line	5322	4.16				
10	Thompson Town Line	Liberty: So. Corp. Line	5322	4.29				
11	Liberty: So. Corp. Line	Liberty: No. Corp. Line	5296	1.37				
12	Liberty: No. Corp. Line	Livingston Manor	5223	5.53				
13, 14	Livingston Manor	Delaware County Line	5224	8.44				
County total.....				46.64	46.64			

STATE ROUTE No. 4 — Continued

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
DELAWARE COUNTY								
1-3	Sullivan County Line	Horton	5340	6.84				
4-6	Horton	East Branch Bridge	5333	7.21				
7	East Branch Bridge	Tyler Switch	5246	6.48				
8	Tyler Switch	Hancock: W. Corp. Line	5456	6.91				
9, 10	Hancock: W. Corp. Line	Deposit: Myrtle Ave.	5167	8.60				
11	Deposit: Myrtle Ave.	Deposit: Del. River Bridge	5045	2.95				
11A	Deposit: Del. River Br.	Broome County Line	5045	0.08				
12	Deposit: Del. River Br.	Broome County Line	5338	0.38				
County total				39.45				
BROOME COUNTY								
1	Delaware County Line	Deposit: W. Corp. Line	5338	0.85				
2	Deposit: W. Corp. Line	Ouquaga Station	265		2.78			
3	Ouquaga Station	Gulf Summit Road	5338	2.92				
4	Gulf Summit Road	Windsor: W. Corp. Line	5338	9.83				
5	Windsor: W. Corp. Line	Oceanum	5241	3.15				
6	Oceanum	W. Windsor	5148	3.68				
7	W. Windsor	Park Bridge	5022	3.01				
8A	Park Bridge	Binghamton: E. Corp. Line	127		2.06			
9	Binghamton: E. Corp. Line	Binghamton: State Hospital	5390	0.83				
10	Binghamton: State Hospital	Binghamton: Alice St.	5339	1.06				
11	Binghamton: Alice St.	Binghamton: Oak St.	City			1.84		
12	Binghamton: Oak St.	Binghamton: W. Corp. Line	5377	1.49				
13	Binghamton: W. Corp. Line	Lesterhire: So. Corp. Line	444		1.14			
14	Lesterhire: So. Corp. Line	D. L. & W. R. R. (South)	5377	0.17				0.20
	D. L. & W. R. R. (South)	D. L. & W. R. R. (North)						0.28
	D. L. & W. R. R. (North)	Lesterhire: Main St. ext.	5377					
15	Lesterhire: Riverside Drive	Hooper	125		2.93			
	Hooper	Union: E. Corp. Line	174		2.17			
16	Union: E. Corp. Line	Susquehanna River Bridge	5412	0.28				
	Susquehanna River Bridge	Mercersau Crossing	420		1.63			
17	Mercersau Crossing	Harris Crossing	5215	0.77				
18	Harris Crossing	Tioga County Line	420		1.22			
County total				27.73	13.93	1.84		0.48
TIOGA COUNTY								
1-6	Broome County Line	Owego: Court St. Bridge	5215	9.95				
7	Owego: Court St. Bridge	Owego: Park and Main Sts.	5257			0.18		
8	Owego: Park St.	Smithboro	5257	9.71				
9	Smithboro	Wilsons	5168	4.41				
	Wilsons	Swartwoods	5429	0.67				
	Swartwoods	Hanna Corners	5168	0.87				
10	Hanna Corners	Waverly: Main St.	5049	2.56				
11	Waverly: Main St.	Waverly: E. End School	5333	1.28				
12	Waverly: E. End School	Chemung County Line	5289	0.97				
County total				30.42		0.18		
CHEMUNG COUNTY								
1	Tioga County Line	Wynkoop Creek	5289	2.68				
2, 3	Wynkoop Creek	Lowman	5215	4.27				
4	Lowman	Elmira: E. Corp. Line	5048	2.5				
5	Elmira: E. Corp. Line	Elmira: Madison Ave.	5297	5.47				
6	Elmira: E. Water St.	Elmira: Division St.	5392	0.76				
7	Elmira: Lake St.	Elmira: No. Corp. Line	City			1.40		
8	Elmira: No. Corp. Line	Elmira Heights: So. Corp. L.	1196		1.14			
9	Elmira Heights: So. Corp. L.	Elmira Heights: No. Corp. L.	357		0.03			
10	Elmira Heights: No. Corp. L.	Horseheads: So. Corp. Line	725		0.89			
11	Horseheads: So. Corp. Line	Horseheads: W. Corp. Line	357		1.49			
12	Horseheads: W. Corp. Line	Steuben County Line	5162	0.90				
13-15	Horseheads: W. Corp. Line	Steuben County Line	348		7.08			
County total				16.87	10.60	1.40		

STATE ROUTE No. 4—Continued

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
STEBUEN COUNTY								
1	Chemung County Line.....	Corning: Chemung River.....	742		4.33			
2	Corning: Chemung River.....	Corning: Conhocton St.....	5401	0.26				
	Corning: Conhocton St.....	Corning: Flint Ave.....	City			1.71		
	Corning: Flint Ave.....	Corning: W. Corp. Line.....	5401	0.59				
3, 4	Corning: W. Corp. Line.....		5026	3.48				
5			5094	2.49				
6-8		Addison: So. Corp. Line.....	5349	5.11				
9-11	Addison: So. Corp. Line.....	Jasper.....	5253	17.07				
12, 13	Jasper.....	Canisteo: North St.....	5348	12.82				
14	Canisteo: North St.....	Hornell: So. Corp. Line.....	5212	3.94				
15	Hornell: So. Corp. Line.....	Hornell: St. James Hospital.....	5353	0.13				
16	Hornell: St. James Hospital.....	Hornell: Main and Wash. Sts.....	City			1.22		
17	Hornell: Main and Wash. Sts.....	Hornell: W. Corp. Line.....	5342	0.55				
18	Hornell: W. Corp. Line.....	Allegany County Line.....	5255	3.85				
				50.29	4.33	2.93		
	Also: Addison Vil.: Main St.....	Addison Vil.: Erie Depot.....	5349	0.15				
	County total.....	57.70		50.44	4.33	2.93		
ALLEGANY COUNTY								
1-4	Steuben County Line.....	Andover: No. Corp. Line.....	5502	12.06				
5	Andover: No. Corp. Line.....	Andover: W. Corp. Line.....	5410	1.51				
6	Andover: W. Corp. Line.....	Wellsville: E. Corp. Line.....	5481	7.22				
7	Wellsville: E. Corp. Line.....	Wellsville: So. Main St.....	5483	0.76				
	Wellsville: E. Dyke St.....	Wellsville.....	Village			1.23		
8	Wellsville.....	Amity Town Line.....	5129	4.50				
9	Scio Town Line.....	Belmont: W. Corp. Line.....	5476	4.66				
10, 11	Belmont: W. Corp. Line.....	Friendship: E. Corp. Line.....	5341	6.80				
12	Friendship: E. Corp. Line.....	P. S. & N. R. R., East.....	5312	1.16				
	P. S. & N. R. R., East.....	P. S. & N. R. R., West.....	5312-B	0.17				
13	P. S. & N. R. R., West.....	Hubbell Corner.....	5312	4.75				
14	Hubbell Corner.....	Cuba: Genesee St.....	5174	2.32				
15	Cuba: Main St.....	Cuba: Penn. R. R.....	Rt16	*0.20				
16	Cuba: Genesee St.....	Cattaraugus County Line.....	5174	1.69				
				47.63		1.23		
	Also: Cuba: Genesee St.....	Cuba: Erie R. R.....	5174	0.35				
	County total.....	49.41		47.98		1.23		
CATTARAUGUS COUNTY								
1	Allegany County Line.....	Boyington Corner.....	5174	0.12				
2, 3	Boyington Corner.....	Olean Town Line.....	5137	8.77				
4	Hindale Town Line.....	Olean: No. Corp. Line.....	5066	2.94				
5	Olean: No. Corp. Line.....	Olean: No. Union St.....	5099	0.36				
	Olean: Main St.....	Olean: West State Street.....	City			0.65		
	Olean: No. Union St.....	Olean: 15th St.....	City			0.95		
6	Olean: 15th St.....	Allegany: Second St.....	6J1		3.0			
7	Allegany: Second St.....	Vandalia.....	5264	4.50				
8	Vandalia.....	Carrollton.....	5430	3.88				
9	Carrollton.....	Killbuck.....	5418	4.41				
10	Killbuck.....	Salamanca: Erie R.R.....	5265	1.07				
	Salamanca: Erie R. R.....	Salamanca: Main St.....	City			0.72		
	Salamanca: Wildwood St.....	Salamanca: Broad St.....	City			0.24		
	Salamanca: Main St.....	Salamanca: Frank St.....	City			0.34		
11	Salamanca: Frank St.....	Little Valley Town Line.....	5265	3.23				
12	Salamanca Town Line.....	Napoli Town Line.....	5259	6.83				
13	Little Valley Town Line.....	Napoli.....						4.00
14	Napoli.....	East Randolph.....						3.10
15	East Randolph.....	Chautauque County Line.....	5253	6.74				
	County total.....	56.89		42.85	3.06	2.85		7.80

* Not included in total.

STATE ROUTE No. 4 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
CHAUTAUQUA COUNTY								
1, 2	Cattaraugus County Line.....	Poland Center.....	5151	5.19				
3	Poland Center.....	Ellisport Town Line.....	5054	2.54				
4	Poland Town Line.....	Falconer: E. Corp. Line.....	698		1.03			
5	Falconer: E. Corp. Line.....	Jamestown: E. Corp. Line.....	5067	1.06				
6	Jamestown: E. Corp. Line.....	Jamestown: W. 8th St.....	City			2.30		
7	Jamestown: W. 8th St.....	Jamestown: W. Corp. Line.....	5201	1.48				
8	Jamestown: W. Corp. Line.....	Bemus Pt.: So. Corp. Line.....	5217	7.00				
9	Bemus Pt.: So. Corp. Line.....	Starr Farm.....	5345	5.93				
10	Starr Farm.....	Mayville: Main St.....	5263	5.47				
10½	Mayville: Chautauqua St.....	Mayville: No. Corp. Line.....	5596	0.83				
11	Mayville: No. Corp. Line.....	Westfield: So. Corp. Line.....	5434	4.43				
12	Westfield: So. Corp. Line.....	Westfield: Main St.....	5320	1.07				
County total.....			39 53	39.60	1 03	2.30		
Route totals.....				364 30	37 53	15.03		17.23

Total miles in Route No. 4..... 434.14

STATE ROUTE No. 4A

Beginning at the city of Binghamton, on route number four, running thence northerly and northwesterly to Whitney Point, running thence northwesterly along the Tioughnioga river, by way of Lisle and Killawog, through a point to be determined by the highway commission on the dividing line between Broome and Cortland counties, to Marathon, and from thence through Messengerville and Blodgett Mills, to Cortland, as determined by the commission, connecting therewith route number nine.

Amended by L. 1911, ch. 807.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
BROOME COUNTY								
	Binghamton: Route 4.....	Chemung Forks.....	Rt. 8	*0.82	*4.64	*0.63		*5.80
1-2	Chemung Forks.....	Itasca.....						5.43
3-4	Itasca.....	Whitney Pt.: So. Corp. L.....						3.00
5-7	Whitney Pt.: So. Corp. L.....	Whitney Pt.: No. Corp. L.....						2.05
8	Whitney Pt.: No. Corp. L.....	Lisle: So. Corp. Line.....						1.00
9-11	Lisle: So. Corp. Line.....	Lisle: East Corp. Line.....						0.70
12	Lisle: East Corp. Line.....	Cortland County Line.....						4.40
County total.....			16.58					16.58
CORTLAND COUNTY								
1	Broome Co. Line.....	Marathon: So. Corp. Line.....	5595	1.90				
2	Marathon: So. Corp. Line.....	Messengerville.....	5595	1.85				
3	Messengerville.....	Snyder Hill.....						2.20
4	Messengerville.....	Blodgett Mills.....						3.50
5	Snyder Hill.....							3.60
6	Blodgett Mills.....							1.80
7		Cortland: E. Corp. Line.....	111		0.75			
8	Cortland: E. Corp. Line.....	Cortland: Port Watson St.....	City			0.40		
	Cortland: _____ St.....	Cortland: Main St., Rt. 9.....	Rt. 10			*0.95		
County total.....			16.00	3.75	0.75	0.40		11.10
Route totals.....				3.75	0.75	0.40		27.68

Total miles in Route No. 4A..... 32.58

* Not included in total.

STATE ROUTE No. 4B

Beginning at a point on route number four to be determined by the commission, at or near Canisteo, in the county of Steuben, running thence southerly by way of Greenwood to Rexville; running thence southerly and westerly to a point to be determined by the commission on the dividing line between the counties of Steuben and Allegany; and running thence southerly and westerly to Whitesville, Allegany county.

Amended by L. 1912, ch. 474.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
STEBUEN COUNTY								
1	Canisteo: Hornell St., Rt. 4.	Hartsville Road	5537	1.72				3.66
2	Hartsville Road	Bennett Creek						1.44
3	Bennett Creek	N. Y. & P. R. R.						3.61
4	N. Y. & P. R. R.	Greenwood: Bennett Creek						3.40
5	Greenwood: Bennett Cr.	Rexville						2.56
6	Rexville	N. Y. & P. R. R.						3.97
7	N. Y. & P. R. R.	Allegany County Line						
		County total	20.86	1.72				18.64
ALLEGANY COUNTY								
1	Steuben County Line	Whitesville						2.19
		County total	2.19					2.19
		Route totals		1.72				20.83
Total miles in Route No. 4B								22.55

STATE ROUTE No. 5

Commencing at the city of Kingston, running thence to a point on the boulevard to be erected by the city of New York near the present village of West Hurley, thence northerly and westerly by the way of Woodstock, Bearsville and Pine Hill, to a point to be determined by the commission, on the dividing line between Delaware and Ulster counties, running thence westerly to Margaretville, running thence northerly by the way of Roxbury to Grand Gorge, running thence northwesterly to a point to be determined by the commission, on the dividing line between Schoharie and Delaware counties, running thence northwesterly and westerly to a point to be determined by the commission, on the dividing line between Delaware and Schoharie counties, running thence northwesterly and westerly by the way of Harpersfield, North Kortright and Davenport, to a point to be determined by the commission, on the dividing line between Otsego and Delaware counties, running thence to Oneonta, Otsego county, running thence northeasterly along route number seven to Colliers; running thence northerly in Otsego county by the way of Cooperstown and Richfield Springs to a point to be determined by the commission, on the dividing line between Herkimer and Otsego counties; running thence northerly to Mohawk connecting with route number six.

Amended by L. 1910, ch. 573.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
	ULSTER COUNTY							
	Route No. 3, Albany Ave.	Kingston: No. Corp. Line	City			1.00		
1	Kingston: No. Corp. Line	West Hurley	5173	4.96				
2	West Hurley	Woodstock Road	N. Y. C.			2.40		
3	Glenford Road	Woodstock	5570	2.91				
4	Woodstock	Bearsville	37		2.39			
5	Bearsville	Wittenberg						3.39
6	Wittenberg	Beechford						3.39
7	Beechford	Mt. Pleasant	16					
8	Mt. Pleasant	Phoenicia	16		5.45			

STATE ROUTE No. 5 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			con-tract	miles to be built
				State	County	Town or cor-poration		
ULSTER COUNTY — Concluded								
9	Phoenicia.....	Allaben.....	117		5.09			
10	Allaben.....	Big Indian.....	31		5.72			
11	Big Indian.....	Pine Hill: So. Corp. Line.....	31					
12	Pine Hill: So. Corp. Line.....	Delaware County Line.....	5177	2.30				
(Note: N.Y.C., New York City)								
County total.....			39.10	10.17	18.65	3.40		6.88
DELAWARE COUNTY								
1	Ulster County Line.....	Griffin Corners.....	5177	1.34				
2	Griffin Corners.....	Fleischmanns.....	36		1.57			
3	Fleischmanns.....	Margaretville: E. Corp. L.....	239		4.96			
4	Margaretville: E. Corp. L.....	Halcottville.....	5384	6.13				
5	Halcottville.....	Roxbury.....	5450	6.09				
6	Roxbury.....	Roxbury: E. Branch Bridge.....	216		0.75			
7	Roxbury: E. Branch Bridge.....	Grand Gorge Station.....	5459	5.66				
8	Grand Gorge Station.....	Grand Gorge.....	217		1.00			
9	Grand Gorge.....	Schoharie County Line.....	5343	3.42				
(Continued Below)								
SCHOHARIE COUNTY								
1	Delaware County Line (Town of Roxbury).....	Delaware County Line (Town of Stamford).....	5343	2.65				
DELAWARE COUNTY — Concluded								
9A	Schoharie County Line.....	Stamford: E. Corp. Line.....	5343	1.18				
10	Stamford: E. Corp. Line.....	Stamford: W. Corp. Line.....	5343	1.34				
10A	Stamford: W. Corp. Line.....	Harpersfield.....	5343	3.48				
11	Harpersfield.....	North Kortright.....	5442	3.64				
11A	North Kortright.....	Davenport Town Line.....	5443	3.03				
12	Kortright Town Line.....	Davenport.....	5443	3.10				
12A	Davenport.....	Davenport Center.....	5443	4.65				
13, 14	Davenport Center.....	Otsego County Line.....	5455	5.39				
County total.....			56.73	48.45	8.28			
OTSEGO COUNTY								
1	Delaware County Line.....	Oneonta: Luther St.....	5455	2.50				
2	Oneonta: Luther St.....	Route No. 7: Chestnut St.....	City			0.39		
	Oneonta: Chestnut St.....	Colliers.....	Rt. 7	1.36	*3.12	*0.86		
3	Colliers.....	Milford Center.....	318		2.03			
4, 5	Milford Center.....	Milford: So. Corp. Line.....	674		5.90			
6	Milford: So. Corp. Line.....	Milford: Main St.....	783		0.23			
7	Milford: Main St.....	Hartwick Seminary.....	5445	7.78				
8	Hartwick Seminary.....	Cooperstown: So. Corp. L.....	5445					
9A, B	Cooperstown: So. Corp. L.....	Cooperstown: No. Corp. L.....						1.50
10	Cooperstown: No. Corp. L.....	Fly Creek.....						2.10
11	Fly Creek.....	Exeter Town Line.....						4.10
12	Otsego Town Line.....	Lake View Point.....						8.50
13	Lake View Point.....	Trout Brook Bridge.....	5037	3.50				
14	Trout Brook Bridge.....	Richfield Spgs.: Mai. St.....	5624	0.66				
	Richfield Spgs.: Prospect St.....	Richfield Spgs.: Church St.....	1409				0.40	
15	Richfield Spgs.: Main St.....	Herkimer County Line.....	5624	0.38				
County total.....			35.07	14.82	8.26	0.39	0.40	11.20
HERKIMER COUNTY								
1, 2	Otsego County Line.....	Jordanville.....	5524	5.27				
3	Jordanville.....	Paines Hollow.....	5584	4.18				
4	Paines Hollow.....	Ford Creek.....	5579				4.48	
5	Ford Creek.....	Mohawk: So. Corp. Line.....	5579				2.07	
6	Mohawk: So. Corp. Line.....	Mohawk.....	5631	0.71				
7	Mohawk.....	Mohawk: Main St., Rt. 6.....	Village			0.05		
County total.....			16.76	10.16		0.05	6.55	
Route totals.....				86.25	35.19	8.84	6.95	18.08
Total miles in Route No. 5.....								150.31

* Not included in total.

STATE ROUTE No. 5A

Commencing at a point on route number three, in the village of Catskill; thence northwesterly to the village of Cairo; thence by South Durham through East Windham to the village of Windham; thence westerly through the villages of Ashland and Prattville to a point, to be determined by the commission, on the dividing line between Greene and Delaware counties.

Amended by L. 1911, ch. 616.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under tract	Approximate mileage to be built
				State	County	Town or corporation		
GREENE COUNTY								
1	Catskill: Bridge and Main St., Rt. 3.	Catskill: Summit Ave.	Village			0.40		
2	Catskill: Summit Ave.	Catskill: No. Corp. Line.						0.45
3	Catskill: No. Corp. Line.	Leeds	613		2.79			
4	Leeds	Cairo Town Line	613		2.90			
5	Catskill: Town Line	Cairo: Purling Road	887		3.15			
6	Cairo: Purling Road	Cairo: Durham Road	954		0.46			
7, 8	Cairo	Sunnyside Road	5233	3.00				
9	Sunnyside Road	South Durham	5462	2.14				
10, 11	South Durham	Windham Town Line						4.30
12	Durham Town Line	Union Society (Brooksburg)	5583				3.34	
13	Union Society (Brooksburg)	Brooklyn	5583				7.43	
14	Brooklyn	Windham	797		1.54			
15	Windham	East Ashland						2.40
16	East Ashland	Ashland						1.80
17, 18	Ashland	Batavia Kill Bridge	5491	5.18				
19	Batavia Kill Bridge	Prattville and Del. Co. Line	886		2.20			
Route totals				11.01	13.04	0.40	4.77	8.95
Total miles in Route No. 5A								38.17

STATE ROUTE No. 5B

Commencing at a point on route number five-a, in the village of Cairo, in the county of Greene; thence westerly through the village of East Durham to the village of Durham; thence northerly to a point to be determined by the commission on the dividing line between Greene and Albany counties; thence northerly to the village of Cooksburg, and connecting therewith a highway heretofore improved by the state leading from Potter's Hollow to such village.

Amended by L. 1911, ch. 784.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
GREENE COUNTY								
1	Cairo, Rt. 5A.....	Durham Town Line.....						4.00
2	Cairo Town Line.....	East Durham.....						3.00
3	East Durham.....	Durham Center.....						2.40
4	Durham Center.....	Durham.....						2.80
5	Durham.....	Albany County Line.....						1.80
County total.....			13.90					13.90
ALBANY COUNTY								
1	Greene County Line.....	Cooksburg.....						0.70
County total.....			0.70					0.70
Route totals.....								14.60
Total miles in Route No. 5B.....								14.60

STATE ROUTE No. 5C .

Commencing in the village of Palenville, so-called, on the northerly side of the creek at a point where the Kaaterskill road intersects the Catskill-Tannersville highway in the town of Catskill, Greene county; thence westerly through the Kaaterskill cove to a point where the easterly entrance leading to Twilight park intersects said Catskill-Tannersville highway, and over a route to be determined by the commission.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
				GREENE COUNTY				
1, 2	Palenville.....	Haines Falls.....	5588				3.93	
Total miles in Route No. 5C.....								3.93

STATE ROUTE No. 5

Commencing at a point to be determined by the commission at the city of Albany, running thence northwesterly to a point to be determined by the commission, on the dividing line between Schoenectady and Albany counties, running thence northwesterly to the city of Schoenectady, running thence northwesterly from the city of Schoenectady to a point to be determined by the commission, on the dividing line between Montgomery and Schoenectady counties, to the city of Amsterdam, thence crossing the Mohawk river to the south side, thence along the south side through Fort Hunter to the village of Fultonville, thence across the river to the north side, running thence westerly and northwesterly through Montgomery county by the way of Fonda and St. Johnsville, to a point at or near East Creek, on the dividing line between Herkimer and Montgomery counties, running thence westerly and northwesterly by the way of Little Falls and Herkimer, from Herkimer westerly by the way of Mohawk, Ilion and Frankfort to a point to be determined by the commission, on the dividing line between Herkimer and Oneida counties, and thence to the city of Utica, running thence westerly from the city of Utica to Oneida, on the dividing line between Madison and Oneida counties, running thence westerly by the way of Chittenango, to a point to be determined by the commission on the dividing line between Onondaga and Madison counties, running thence westerly by the way of Fayetteville, to the city of Syracuse, running thence southwesterly to the city of Auburn, running thence from the city of Auburn to a point to be determined by the commission on the dividing line between Seneca and Cayuga counties, running thence southwesterly to the city of Auburn, running thence from the city of Auburn to a point to be determined by the commission on the dividing line between Seneca and Cayuga counties, running thence westerly to Seneca Falls, thence southerly through the village of Seneca Falls to the south side of Seneca lake outlet, thence westerly on the south side of Seneca lake outlet to a point at the foot of Seneca lake, running thence westerly to a point to be determined by the commission on the dividing line between Ontario and Seneca counties, running thence westerly to Geneva, running thence westerly from Geneva to Canandaigua, running thence westerly to a point to be determined by the commission, on the dividing line between Livingston and Ontario counties, running thence westerly by the way of Avon and Caledonia, to a point to be determined by the commission, on the dividing line between Genesee and Livingston counties, running thence westerly by the way of Batavia, to a point to be determined by the commission, on the dividing line between Erie and Genesee counties, running thence westerly to the city of Buffalo, Erie county.

Amended by L. 1910, ch. 573.

Amended by L. 1911, ch. 472.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ALBANY COUNTY								
1	Albany: W. Corp. Line.....	Guilderland.....	5155	5.37				
2	Guilderland.....	Schenectady County Line.....	5636				3.93	
County total.....			9.30	5.37			3.93	
SCHENECTADY COUNTY								
1	Albany County Line.....	Schenectady: So. Corp. L.....						2.35
2	Schenectady: So. Corp. L.....	Schenectady: Weaver St.....	City			1.40		
2A	Schenectady: Weaver St.....	Schenectady: Dock St.....	City			0.40		

STATE ROUTE No. 6—Continued

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mile age to be built
				State	County	Town or corporation		
SCHENECTADY COUNTY—Continued								
2B	Schenectady: Dock St.	Schenectady: No. Corp. Line	City			0.60		
3	Scotia: So. Corp. Line	Scotia: Riverside Ave.	5132	0.51				
	Scotia: Riverside Ave.	Scotia: Ballston Ave.	Village			0.22		
	Scotia: Ballston Ave.	Scotia: No. Corp. Line	5132	0.76				
4	Scotia: No. Corp. Line	R. R. Crossing (South)	5030	1.85				
5	R. R. Crossing (South)	R. R. Crossing (North)	5110	0.17				
6	R. R. Crossing (North)	Wyatts	5030	0.19				
7	Wyatts	Montgomery County Line	5110	5.19				
	County total			13.54	5.67	2.62		2.28
MONTGOMERY COUNTY								
1	Schenectady County Line	Cranesville	5126	2.24				
2	Cranesville	Amsterdam: E. Corp. Line	180		2.82			
3	Amsterdam: E. Corp. Line	Amsterdam: St.	City			0.25		
3A	Amsterdam: St.	Amsterdam: St.	City			2.00		
4	Amsterdam: St.	Amsterdam: W. Corp. Line	City			1.00		
5	Amsterdam: W. Corp. Line	Ft. Hunter, Schohar. Cr. Br.						3.80
6	Ft. Hunter, Schohar. Cr. Br.	Auriettsville						2.00
7	Auriettsville	Fultonville: So. Corp. Line						2.70
8	Fultonville: So. Corp. Line	Fultonville: Main St.						0.50
8A	Fultonville: Church St.	Fonda: Main St.	864		0.63			
8B	Fonda: Bridge St.	Fonda: W. Corp. Line						0.73
9	Fonda: W. Corp. Line		155		2.49			
10			5125	4.00				
11		Palatine Bridge: E. Corp. L.	5124	4.25				
12-14	Palatine Bridge: E. Corp. L.	Nelliston: No. Corp. Line	5123	4.06				
15	Nelliston: No. Corp. Line	St. Johnsville: E. Corp. Line	5109	4.79				
16, 17	St. Johnsville: E. Corp. Line	East Can. Ck. Br.: E. End	5028	3.73				
	County total			42.00	23.06	5.04	3.25	9.73
HERKIMER COUNTY								
1	East Can. Ck. Br.: E. End		5159	0.17				
1A		Little Falls: E. Corp. Line	456		5.24			
2	Little Falls: E. Corp. Line	Little Falls: Alexander St.	5105	1.28				
3	Little Falls: Alexander St.	Little Falls Paper Co.	City			1.40		
4	Little Falls Paper Co.	Little Falls: W. Corp. Line	5105	0.17				
5	Little Falls: W. Corp. Line	W. Canada Creek: E. Side	457		5.16			
5A	W. Canada Creek: E. Side	Herkimer: W. Canada Creek	5411	0.09				
6	Herkimer: W. Canada Creek	Herkimer: Power Canal	5060	0.38				
7	Herkimer: Power Canal	Herkimer: Fair Ground Rd.	Village			0.43		
8	Herkimer: Fair Ground Rd.	Herkimer: W. Corp. Line	5090	0.25				
9	Herkimer: W. Corp. Line	Mohawk: Erie Canal						0.10
10	Mohawk: Erie Canal	Ilion: E. Corp. Line	5170	1.35				
11	Mohawk: W. Corp. Line	Ilion: Otsego St.	5161	0.83				
12	Ilion: Otsego St.	Ilion: Union St.	Village			0.08		
13	Ilion: Union St.	Ilion: W. Corp. Line	5161	0.68				
14, 15	Ilion: W. Corp. Line	Frankfort: W. Corp. Line	5219	2.47				
16	Frankfort: W. Corp. Line		14		1.11			
17			359		1.89			
18		Utica City: E. Corp. Line	5209	3.07				
	County total			25.17	10.74	13.49	1.93	0.10
ONEIDA COUNTY								
1	Herkimer County Line	Utica: Bleeker St.	5395	0.38				
1A	Utica: Bleeker St.	Utica: So. Corp. Line	City			4.70		
1B	Utica: W. Corp. Line	New Hartford: E. Corp. Line	250		1.20			
2	New Hartford: E. Corp. Line	New Hartford: W. Corp. Line	5032	0.65				
3	New Hartford: W. Corp. Line	Lairdsville	250		7.25			
4	Lairdsville	Russell Corners	271		4.01			
5	Russell Corners	Gray Corners	140		0.72			
5A	Gray Corners	Vernon: E. Corp. Line	271		0.45			
6	Vernon: E. Corp. Line	Vernon: W. Corp. Line	5034	0.60				
6A	Vernon: W. Corp. Line	Sherrill: E. Corp. Line	271		2.17			
6B	Sherrill: E. Corp. Line	Sherrill: W. Corp. Line	271		0.78			
7	Sherrill: W. Corp. Line	Oneida Community Road	271		0.93			
7A	Oneida Community Road		130		0.10			
7B		Oneida Castle: E. Corp. L.	271		0.18			
8	Oneida Castle: E. Corp. Line	Oneida Castle: Madison Co. L.	5034	0.81				
	County total			24.91	2.44	17.77	4.70	

STATE ROUTE No. 6 — Continued

Section number	FROM	TO	Highway number	Miles Completed			Miles under tract	Approximate mileage to be built
				State	County	Town or corporation		
MADISON COUNTY								
1	Oneida County Line.....	Oneida: Lenox Ave.....	5078	2.56				
2, 3	Oneida: Seneca Ave.....	Sullivan Town Line.....	726		5.84			
4	Lenox Town Line.....	Chittenango: E. Corp. Line.....	5014	3.19				
5	Chittenango: E. Corp. Line.....	Onondaga County Line.....	5120	3.31				
County total.....				9.06	5.84			
ONONDAGA COUNTY								
6	Madison County Line.....	Mycenae.....	555		0.85			
1	Mycenae.....	Fayetteville: E. Corp. Line.....	5625					3.94
2	Fayetteville: E. Corp. Line.....	Fayetteville: W. Corp. Line.....						0.89
3	Fayetteville: W. Corp. Line.....	De Witt.....	5587				2.50	
4	De Witt.....	Syracuse: E. Corp. Line.....	5587				2.25	
	Syracuse: E. Corp. Line.....	Syracuse: ——— St.....	5587				0.37	
	Syracuse: ——— St.....	Syracuse: W. Corp. Line.....	City			4.57		
5	Syracuse: W. Corp. Line.....	Solvay: W. Corp. Line.....	5396	0.69				
6	Solvay: W. Corp. Line.....	Camillus Town Line.....	132		1.13			
7	Geddes Town Line.....	Camillus Hill.....	5016	3.09				
8, 9	Camillus Hill.....	Camillus: Elm St.....	5318	1.18				
10	Camillus: Elm St.....	Hallstead Corners.....	5143	5.02				
11	Hallstead Corners.....	Elbridge: W. Corp. Line.....	5080	2.49				
12	Elbridge: W. Corp. Line.....	Cayuga County Line.....	487		2.09			
County total.....				12.47	4.07	4.57	5.12	4.83
CAYUGA COUNTY								
1, 2	Onondaga County Line.....	Auburn: No. Corp. Line.....	592		5.57			
3	Auburn: No. Corp. Line.....	Auburn: Franklin St.....	5101	1.43				
4	Auburn: Franklin St.....	Auburn: Wall St.....	City			0.90		
5	Auburn: State St.....	Auburn: W. Corp. Line.....	City			1.40		
6	Auburn: W. Corp. Line.....	Montesuma Town Line.....	590		7.96			
7	Aurelius Town Line.....	Seneca County Line.....	5042	0.34				0.07
County total.....				1.77	13.53	2.30		0.07
SENECA COUNTY								
1	Cayuga County Line.....	Seneca Falls: Rumsey St.....	5042	2.92				0.07
2	Seneca Falls: Rumsey St.....	Seneca Falls: W. Corp. Line.....	5100	2.53				0.66
3	Seneca Falls: W. Corp. Line.....	Waterloo: E. Corp. Line.....						1.60
4	Waterloo: E. Corp. Line.....	Waterloo: Fayette St.....						1.00
5	Waterloo: Fayette St.....	Seneca River (East).....	5087	4.47				
5A	Seneca River (East).....	Seneca River (West).....	5087ca					0.11
6	Seneca River (West).....	Geneva: E. Corp. Line.....	5087	1.30				
County total.....				11.22				3.38
ONTARIO COUNTY								
1	Geneva: E. Corp. Line.....	Geneva: No. Exchange St.....	5620	0.82				
1A	Geneva: Lake St.....	Geneva: Pulteney St.....	City			1.00		
2	Geneva: Pulteney St.....	Presumption Road.....	5473	1.30				
3	Presumption Road.....	Seneca Town Line.....	333		0.62			
4	Seneca Town Line.....	Hopewell Town Line.....	146		5.62			
5	Seneca Town Line.....	Canandaigua: E. Corp. Line.....	207		6.21			
6	Canandaigua: E. Corp. Line.....	Canandaigua: Main St.....	5015	1.18				
6A	Canandaigua: ——— St.....	Canandaigua: West Ave.....	City			0.90		
7	Canandaigua: Main St.....	Canandaigua: W. Corp. Line.....	5336	0.91				
8	Canandaigua: W. Corp. Line.....	Gunn Corners.....	5576	4.69				
9	Gunn Corners.....	Black Corners.....	188		1.27			
10, 11	Black Corners.....	W. Bloomfield School.....	5081	5.26				
12	W. Bloomfield School.....	W. Bloomfield Brook.....	5041	1.23				
12A	W. Bloomfield Brook.....	W. Bloomfield: North Ave.....	485		0.17			
12B	W. Bloomfield: North Ave.....	Livingston County Line.....	5041	1.17				
County total.....				16.56	13.89	1.90		

STATE ROUTE No. 6 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
LIVINGSTON COUNTY								
1	Ontario County Line.....	Lima Reservoir.....	5142	4.05				
2	Lima Reservoir.....	Genesee River.....	5302	5.40				
3-6	Genesee River.....	Caledonia: Main St.....	5273	5.28				
7	Caledonia: State St.....	Genesee County Line.....	5221	2.05				
County total.....			19.68	19.68				
GENESEE COUNTY								
1	Livingston County Line.....	LeRoy: E. Corp. Line.....	5463	3.24				
2	LeRoy: E. Corp. Line.....	LeRoy: Wolcott St.....						
2A	LeRoy: Wolcott St.....	LeRoy: Lake St.....	Village			1.70		
3	LeRoy: Lake St.....	LeRoy: W. Corp. Line.....						
4	LeRoy: W. Corp. Line.....	Stafford.....	5136	2.86				
5	Stafford.....	N. Y. C. R. R. Crossing (E.).....	5145	4.44				
5A	N. Y. C. R. R. Crossing (E.).....	Batavia: New E. Corp. L.....	5145A	0.29				
6	Batavia: New E. Corp. L.....	Batavia: Old E. Corp. Line.....	5493	0.27				
7	Batavia: Old E. Corp. Line.....	Batavia: Center St.....	5399	1.09				
	Batavia: Center St.....	Batavia: Ellicott St.....	City			0.32		
	Batavia: Ellicott St.....	Batavia: Old W. Corp. L.....	5399	0.88				
8	Batavia: Old W. Corp. L.....	Batavia: New W. Corp. L.....	586	0.11				
	Batavia: New W. Corp. L.....	East Pembroke.....	586	5.44				
9	East Pembroke.....	Will Corners.....	5090	3.46				
10, 11	Will Corners.....	Erie County Line.....	5090	4.46				
County total.....			28.60	21.02	5.53	2.02		
ERIE COUNTY								
1	Genesee County Line.....	Clarence.....	131	6.58				
2	Clarence.....	Transit Road.....	130	5.63				
3	Transit Road.....	Williamsville: E. Corp. Line.....	87	1.93				
4	Williamsville: E. Corp. Line.....	Williamsville: W. Corp. Line.....	5061	1.08				
5	Williamsville: W. Corp. Line.....	Buffalo: E. Corp. Line.....	69	3.42				
County total.....			18.64	1.08	17.56			
Route totals.....			143.36	97.55	23.29	9.05	20.38	

STATE ROUTE No. 6A

Commencing at and intersecting route number six in the town of Tyre, in the county of Seneca, at a point known as Dutcher's Corners, thence westerly along the road known as the old free-bridge state road through the towns of Tyre and Junius to a point, to be determined by the commission, on the dividing line between the counties of Seneca and Ontario near the railroad station at West Junius on the Pennsylvania division of the New York Central and Hudson River railroad running from Lyons to Geneva; thence, passing such station, along said old free-bridge state road to the village of Phelps.

Amended by L. 1911, ch. 630.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
1 2	SENECA COUNTY							
	Route 6, Dutcher's Corners	Magee						4.10
	Magee	Comd.						3.20
	Comd.	Ontario County Line						3.10
	County total		10.40					10.40
1 2	ONTARIO COUNTY							
	Seneca County Line	West Junius						0.80
	West Junius	Phelps: E. Corp. Line	5437	3.72				
	County total		4.52		3.72			0.80
	Route totals				3.72			11.20
Total miles in Route No. 6A								14.92

STATE ROUTE No. 7

Commencing at a point to be determined by the commission on the dividing line between the town of Binghamton in Broome county, and Pennsylvania, running thence northerly to the city of Binghamton; running thence northerly and northeasterly from the city of Binghamton on the east side of Chenango river, by the way of Port Crane, Sanitaria Springs and Harpursville, to Nineveh, on the dividing line between Chenango and Broome counties, running thence northeasterly along the dividing line between Chenango and Otsego counties, at or near Sidney, running thence north-easterly line between the Susquehanna valley, to a point to be determined by the commission, on the line by way along between Chenango and Otsego counties, to a point to be determined by the commission, on the dividing line between Maryland and Worcester, to a point to be determined by the commission, on the dividing line between Schoharie and Otsego counties, running thence easterly by the way of Cobleskill to a point between Schoharie and Otsego counties, to a point to be determined by the commission, on the dividing line between Albany and Schoharie counties at or near West Berne, thence to Berne, thence to the top of the present so-called "Indian Ladder" road, thence in a southerly direction to the city of Albany, and thence to New Scotland, Slingerlands, and to the city of Albany.

Amended by L.

751.

Highway number	MILES COMPLETED			Miles under tract	Approximate mileage to be built
	State	County	Town or corporation		
City				1.25	2.84
5440	0.41			2.49	4.90
5500	1.27				
134			2.17		
175			1.84		
5242	2.04				

STATE ROUTE No. 7 — Continued

Section number	FROM	TO	Highway number	MILES COMPLETED			con- struction Miles under tract	Approximate mile- age to be built
				State	County	Town or cor- poration		
BROOME COUNTY — Concluded								
9	Fenton Town Line.....	D. & H. R. R. (W. Crossing).....	286	.....	0.23	.....	.....	.....
10	D. & H. R. R. (W. Crossing).....	D. & H. R. R. (E. Crossing).....	5242	0.62	.....	.....	.....	.....
10A	D. & H. R. R. (E. Crossing).....	Sanitaria Springs.....	266	.....	0.60	.....	.....	.....
11, 12	Sanitaria Springs.....	Harpurville.....	5243	8.82	.....	.....	.....	.....
13	Harpurville.....	Railroad Crossing.....	210	.....	0.70	.....	.....	.....
14	Railroad Crossing.....	Harpurville Station.....	5200	0.43	.....	.....	.....	.....
15	Harpurville Station.....	Chenango County Line.....	209	.....	0.93	.....	.....	.....
County total.....			32.10	14.19	6.47	3.74	.....	7.70
CHENANGO COUNTY								
1	Broome County Line.....	D. & H. R. R. Crossing (So.).....	5200	2.31	.....	.....	.....	.....
1A	D. & H. R. R. Crossing (So.).....	D. & H. R. R. Crossing (No.).....	.....	.....	.....	.....	.....	0.21
2	D. & H. R. R. Crossing (No.).....	Afton: Main St. Crossing.....	5200	2.87	.....	.....	.....	.....
3	Afton: Main St. Crossing.....	Afton Lake.....	5261A	.....	.....	.....	.....	0.73
4	Afton Lake.....	Bainbridge: So. Corp. Line.....	5261	4.43	.....	.....	.....	.....
4A	Bainbridge: So. Corp. Line.....	Railroad Crossing (E.).....	.....	.....	.....	.....	.....	0.12
5	Railroad Crossing (E.).....	Robbins Crossing (So.).....	5013	2.92	.....	.....	.....	.....
6	Robbins Crossing (So.).....	Robbins Crossing (No.).....	5454	0.20	.....	.....	.....	.....
6A	Robbins Crossing (No.).....	Unadilla River Bridge.....	R. R.	.....	.....	0.18	.....	.....
7	Robbins Crossing (No.).....	.....	5013	0.70	.....	.....	.....	.....
8	.....	.....	5216	1.06	.....	.....	.....	.....
(Note: R.R., built by Railroad)			.....	.....	.....	.....	.....	.....
County total.....			15.72	14.49	.....	0.18	.....	1.05
OTSEGO COUNTY								
1	Unadilla: River Bridge.....	N. Y. O. & W. R. R., West.....	708	.....	0.19	.....	.....	.....
2	N. Y. O. & W. R. R., West.....	N. Y. O. & W. R. R., East.....	.....	.....	.....	.....	.....	0.49
2	N. Y. O. & W. R. R., East.....	Unadilla: W. Corp. Line.....	708	.....	4.08	.....	.....	.....
3-7	Unadilla: W. Corp. Line.....	Unadilla: E. Corp. Line.....	5202	1.93	.....	.....	.....	.....
8-9	Unadilla: E. Corp. Line.....	Wells Bridge.....	5229	4.71	.....	.....	.....	.....
9	Wells Bridge.....	Otego: Otadawa Road.....	5153	4.61	.....	.....	.....	.....
10	Otego: Otadawa Road.....	Otego: E. Corp. Line.....	782	.....	0.12	.....	.....	.....
11	Otego: E. Corp. Line.....	Ontonaga Town Line.....	675	.....	3.34	.....	.....	.....
12	Otego Town Line.....	Shady Side.....	317	.....	2.70	.....	.....	.....
13	Shady Side.....	Ontonaga: Kearney St.....	675	.....	0.63	.....	.....	.....
14	Ontonaga: Kearney St.....	Ontonaga: No. Sand St.....	City	.....	.....	2.00	.....	.....
15	Ontonaga: No. Sand St.....	Ontonaga: ——— St.....	787	.....	0.47	.....	.....	.....
16	Ontonaga: ——— St.....	Emmons Corner.....	162	.....	1.39	.....	.....	.....
17	Emmons Corner.....	Milford Town Line.....	516	.....	1.26	.....	.....	.....
18	Milford Town Line.....	Colliersville.....	5138	1.36	.....	.....	.....	.....
19	Colliersville.....	Maryland.....	5240	5.69	.....	.....	.....	.....
20	Maryland.....	Schenervus: W. Corp. Line.....	519	.....	5.65	.....	.....	.....
21, 22	Schenervus: W. Corp. Line.....	Worcester: Decatur Creek.....	5247	5.49	.....	.....	.....	.....
23	Worcester: Decatur Creek.....	Worcester: Mill St.....	220	.....	0.71	.....	.....	.....
24	Worcester: Mill St.....	E. Worcester (Railroad).....	5247	4.71	.....	.....	.....	.....
25	E. Worcester (Railroad).....	Alford Corner.....	.....	.....	.....	.....	.....	0.25
26	Alford Corner.....	Schoharie County Line.....	5247	2.01	.....	.....	.....	.....
County total.....			51.72	30.51	18.56	2.00	.....	0.45
SCHOHARIE COUNTY								
1	Otsego County Line.....	Richmondville: W. Corp. L.....	5458	3.23	.....	.....	.....	.....
2	Richmondville: W. Corp. L.....	Cobleskill: W. Corp. Line.....	5458	5.24	.....	.....	.....	.....
3	Cobleskill: W. Corp. Line.....	Cobleskill: Elm St.....	5458	0.44	.....	.....	.....	.....
4	Cobleskill: Elm St.....	Cobleskill: Rose St.....	.....	.....	.....	.....	.....	0.20
5	Cobleskill: Rose St.....	Cobleskill: East St.....	.....	.....	.....	1.00	.....	.....
6	Cobleskill: East St.....	Schoharie Town Line.....	5236	4.70	.....	.....	.....	.....
7	Cobleskill Town Line.....	Diets Corners.....	5195	5.05	.....	.....	.....	.....
8	Diets Corners.....	Wright Town Line.....	5086	3.20	.....	.....	.....	.....
9	Schoharie Town Line.....	Gallupville.....	5086	1.85	.....	.....	.....	.....
9	Gallupville.....	Albany County Line.....	5039	3.34	.....	.....	.....	.....
County total.....			28.20	27.05	.....	1.00	.....	0.20

STATE ROUTE No. 7 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ALBANY COUNTY								
1	Schoharie County Line.....	West Berne.....	5039	0.64				
2	West Berne.....	Berne.....	192		2.74			
3	Berne.....	East Berne.....	566		3.60			
4	East Berne.....	Thompsons Lake.....	5501	2.86				
5-6	Thompsons Lake.....	New Salem.....			4.62			5.00
7	New Salem.....	New Scotland.....	366					
8	New Scotland.....	Slingerlands.....	5010	1.98				
9-10	Slingerlands.....	Albany: Old W. Corp. Line..	5237	4.23				
County total.....			25.67	9.71	10.96			5.00
Route totals.....				95.95	35.99	6.92		14.00
Total miles in Route No. 7.....								153.46

STATE ROUTE No. 7A

Commencing at the city of Schenectady on route number six and running southwesterly to Duaneburg, in the county of Schenectady; thence in a general southwesterly direction, along a course to be determined by the commission, to a point to be determined by the commission upon route number seven in the town of Schoharie in Schoharie county.

Amended by L. 1912, ch. 183.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
SCHENECTADY COUNTY								
1	Schenectady: Helderberg Av., Rt. 6.....	Schenectady: Broadway.....	City			0.20		
2	Schenectady: Broadway.....	Schenectady: W. Corp. L.....	City			0.52		
3	Schenectady: W. Corp. L.....	So. Schenectady Road.....	163		0.58			
4	So. Schenectady Road.....	Princetown Town Line.....	880		2.79			
5	Rotterdam Town Line.....	Duanesburg Town Line.....	5845				3.99	
6	Princetown Town Line.....	Duanesburg.....	5545				2.66	
7	Duanesburg.....	Quaker St.....	5551	3.34				
8	Quaker St.....	Quaker St. (West).....	105		0.35			
9	Quaker St. (West).....	Schoharie County Line.....	1029		4.16			
County total.....			17 56	3.34	7.85	0.72	5.62	
SCHOHARIE COUNTY								
1	Schenectady County Line....	Wright, State Route No. 7....	5619	2.73				
County total.....			2 73	2.73				
Route totals.....				5 07	7.84	0.72	5.62	

STATE ROUTE No. 8

Commencing at the city of Binghamton, running thence northerly on the west side of the Chenango river to Chenango Forks, on the dividing line between Chenango and Broome counties, running thence along the west bank of the Chenango river to North Norwich, running thence northerly by the way of Sherburne to Earlville, on the dividing line between Madison and Chenango counties, running thence northerly by the way of Hamilton and Bouckville, to a point at or near Oriskany Falls, on the dividing line between Oneida and Madison counties, running thence northeasterly by the way of Deansboro to a point to be determined by the commission connecting with route number six.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
BROOME COUNTY								
1	Route No. 4, Binghamton	Binghamton: Gaines St.	City			0.63		
2	Binghamton: Gaines St.	Binghamton: No. Corp. L.	5413	0.82				
4	Binghamton: No. Corp. L.	Chenango Town Line	47		1.76			
5	Dickinson Town Line	Hinmans Corners	126		1.95			
6	Hinmans Corners	Chenango Bridge	268		0.80			
7	Chenango Bridge	Chenango Fks.: D. L. & W. R. R.						5.95
8	Chenango Fks.: D. L. & W. R. R.	Tioughnioga River Br.	274		0.12			
9	Tioughnioga River Br.	Chenango County Line	375		0.62			
County total.....				12.50	0.82	5.25	0.63	5.80
CHEENANGO COUNTY								
1	Broome County Line	Greene: So. Corp. Line	5565	6.80				
2	Greene: So. Corp. Line	Davidsons Corners	5565	0.98				
3-5	Davidsons Corners	Tyner Road	8001					5.57
6-8	Tyner Road	Norwich: American Ave.	8002					3.87
9	Norwich: American Ave.	Norwich: Rexford St.	5414	9.64				
10	Norwich: Rexford St.	Norwich: Borden Ave.	City			0.47		
11	Norwich: Borden Ave.	Norwich: No. Corp. Line	5057	0.51				
12	Norwich: No. Corp. Line	D. L. & W. R. R.	808		0.03			
13, 14	D. L. & W. R. R.	Sherburne: South St.	505		4.59			
15	Sherburne: South St.	Sherburne: Church St.	5121	6.20				
16	Sherburne: Church St.	The Mill Forks	5391	0.40				
17	The Mill Forks	Earlville: So. Corp. Line	5121	0.63				
18	Earlville: So. Corp. Line	Madison County Line	5568	3.98				
			5585			0.57		
County total.....				46.30	29.18	4.62	0.47	0.59
								11.44
MADISON COUNTY								
1	Chenango County Line	Earlville: No. Corp. Line	5385				0.76	
2, 3	Earlville: No. Corp. Line	Hamilton: So. Corp. Line	5585				4.83	
4	Hamilton: So. Corp. Line	Hamilton: No. Corp. Line	5492	1.52				
5, 6	Hamilton: No. Corp. Line	Bouckville	5492	4.27				
7	Bouckville	Madison: E. Corp. Line	5380	2.45				
8	Madison: E. Corp. Line	Oneida County Line	5447	3.35				
County total.....				17.18	11.59		5.59	
ONEIDA COUNTY								
1	Madison County Line	Oriskany Falls: Main St.						0.57
2	Oriskany Falls: Madison St.	Oriskany Falls: E. Corp. L.	5385	0.35				
3	Oriskany Falls: E. Corp. L.	Deansboro	5406	3.91				
4	Deansboro	Franklin Springs	781		3.00			
	Franklin Springs	Kirkland: Route No. 6	5442	3.47				
					7.76	3.00		0.57
Also:								
	Oriskany Falls: Madison St.	Madison County Line	5385	0.71				
County total.....				12.04	8.47	3.00		0.57
Route totals.....					50.05	12.87	1.10	6.18
								17.31
Total miles in Route No. 8.....								88.02

STATE ROUTE No. 8A

Commencing at the New York State Women's Relief Corps Home, near the village of Oxford, in the county of Chenango, running thence southerly and westerly to and into the village of Oxford, and connecting with route number eight therein, upon and along the existing public highway between such points.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
CHENANGO COUNTY								
1, 2	Oxford: Route 8.....	Oxford: Chenango River Br.	Village			0.10		
	Oxford: Chenango River Br.	Soldier's Home.....	5623				1.30	
	County total.....		1.40			0.10	1.30	
	Route totals.....					0.10	1.30	
	Total miles in Route No. 8A.....								1.40

STATE ROUTE No. 9

Commencing at a point to be determined by the commission, at or near Horseheads, Chemung county, New York, on route number four, running thence northerly and northeasterly by the way of Horseheads, Breesport and Erin to a point to be determined by the commission on the dividing line between Tioga and Chemung counties, running thence easterly and northeasterly by the way of North Spencer to a point to be determined by the commission on the dividing line between Tompkins and Tioga counties, running thence northerly to the city of Ithaca, running thence northeasterly by the way of a point to be determined by the commission at or near Dryden to a point to be determined by the commission on the dividing line between Cortland and Tompkins counties, running thence northeasterly to Cortland, thence northeasterly by the way of Truxton to a point to be determined by the commission on the dividing line between Madison and Cortland counties at or near De Ruyter, thence northerly to Cazenovia, thence easterly by the way of Morrisville to a point at or near Bouckville on route number eight.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
CHEMUNG COUNTY								
1	Horseheads: C'mang St., Rt. 4	Horseheads: E. Corp. Line.....	5162	0.02				
2	Horseheads: E. Corp. Line.....	Stermer Cora. (Rt. No. 39A).....	356		2.31			
3	Stermer Corners.....	Breesport.....	356		3.38			
4	Breesport.....	Erin: Mill St.....	356		3.48			
5	Erin: Mill St.....	VanEtten Town Line.....						4.00
6	Erin Town Line.....	Cayuta Creek.....						2.62
7	Cayuta Creek.....	Tioga County Line.....						2.81
	County total.....		19.52	0.02	9.17			9.48
TIOGA COUNTY								
1	Chemung County Line.....	Spencer: W. Corp. Line.....						1.70
2	Spencer: W. Corp. Line.....	Spencer: No. Corp. Line.....						1.80
3	Spencer: No. Corp. Line.....	North Spencer.....						2.10
4	North Spencer.....	Tompkins County Line.....						1.90
	County total.....		7.50					7.50
TOMPKINS COUNTY								
1	Tioga County Line.....	West Danby.....						2.00
1A	West Danby.....	Stratton.....	5587	2.85				
2	Stratton.....	Allbright Farm.....	5379	2.27				
2A	Allbright Farm.....	Felock Corner.....	5587	0.21				
2B	Felock Corner.....	Williams Corners.....	5379	0.95				
3	Williams Corners.....	Enfield Road.....	8214	0.57				
4	Enfield Road.....	Ithaca: So. Corp. Line.....	454		8.00			
5	Ithaca: So. Corp. Line.....	Ithaca: Mill St.....	City			0.90		

STATE ROUTE No. 9 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
TOMPKINS COUNTY — Concluded								
6	Ithaca: Mill St.	Ithaca: University Ave.	City			0.35		
7	Ithaca: University Ave.	Ithaca: E. Corp. Line.	City			1.40		
8	Ithaca: E. Corp. Line.	Varna	681		2.43			
9	Varna	Snyder Corners	5225	0.53				
9A	Snyder Corners	Davis Corners	681		2.20			
10	Davis Corners	Freeville: W. Corp. Line.	5294	2.95				
11	Freeville: W. Corp. Line.	Dryden: North St.	5294	3.74				
12	Dryden: North St.	Dryden: Main St.	1002		0.53			
13	Dryden: Main St.	Dryden: E. Corp. Line.						0.08
14	Dryden: E. Corp. Line.	Cortland County Line.						1.48
County total				29.67	14.06	8.31	2.65	4.65
CORTLAND COUNTY								
1	Tompkins County Line.	Virgil						3.83
2	Virgil	Cortland Town Line.	5424	3.18				
3	Virgil Town Line.	Cortland: So. Corp. Line.	5424	2.78				
3A	Cortland: So. Corp. Line.	Cortland: Lehigh Val. R. R.	5566	0.23				
3B	Cortland: Lehigh Val. R. R.	Cortland: Tioughnioga Creek.	City			1.70		
4	Cortland: Tioughnioga Creek.	Cortland: No. Corp. Line.	5075	0.53				
5, 6	Cortland: No. Corp. Line.	Truxton Town Line.	738		6.51			
7	Homer Town Line.	Truxton: Catholic Church.	737		3.13			
8	Truxton: Catholic Church.	Truxton: Baptist Church.	40		0.47			
9	Truxton: Baptist Church.	Cuyler Town Line.	737		2.65			
10	Truxton Town Line.	Maxon Creek.	5141	0.85				
11	Maxon Creek.	Mill Creek.	5292	0.87				
10	Mill Creek.	Brown Corners.	5141	1.90				
12	Brown Corners.	Madison County Line.	5472	2.11				
County total				30.13	11.85	12.76	1.70	3.83
MADISON COUNTY								
1	Cortland County Line.	DeRuyter: No. Corp. Line.	5515	0.81				
2	DeRuyter: No. Corp. Line.	Sheds.	5586				4.86	
3	Sheds.	New Woodstock.	5586	3.05				
4	New Woodstock.	Casenovia: So. Corp. Line.						6.00
5	Casenovia: So. Corp. Line.	Casenovia: E. Corp. Line.						1.61
6, 7	Casenovia: E. Corp. Line.	Morrisville: W. Corp. Line.	5329	10.11				
8	Morrisville: W. Corp. Line.	Morrisville: E. Corp. Line.	5330	0.87				
9	Morrisville: E. Corp. Line.	Bouckville: Route No. 8.	5330	4.76				
County total				32.07	19.63		4.86	7.61
Route totals					46.43	30.24	4.35	4.88
								7.61
								33.01
Total miles in Route No. 9.								118.89

STATE ROUTE No. 10

Beginning at the city of Syracuse, running thence southerly to a point to be determined by the commission on the dividing line between Cortland and Onondaga counties, running thence southerly by the way of Homer to Cortland, thence southeasterly by the way of McGrawville, Solon and Willet to a point to be determined by the commission on the dividing line between Chenango and Cortland counties, thence southeasterly by the way of Smithville Flats to Greene, thence easterly by the way of Coventry to Coventryville, thence southeasterly to Afton, connecting with route number seven.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ONONDAGA COUNTY								
0	Syracuse: Genesee St.	Syracuse: City				3.28		
1	Syracuse: So. Corp. Line	Syracuse: So. Corp. Line	5365	0.26				
2	Syracuse: So. Corp. Line	East Onondaga	5365	0.60				
3	East Onondaga	Dorwin Springs Road	290		1.06			
4	Dorwin Springs Road	Lafayette Town Line	5365	3.31				
5	Indian Reservation Line	Thomas Corners	5365	2.70				
6	Thomas Corners	Lafayette	76		1.00			
7, 8	Lafayette	Cortland County Line	5516	8.73				
County total				15.60	2.06	3.28		
CORTLAND COUNTY								
1, 2	Onondaga County Line	Homer Town Line	595		5.42			
3, 4	Preble Town Line	Homer: No. Corp. Line	510		4.17			
5	Homer: No. Corp. Line	Homer: So. Corp. Line	5058	2.01				
6	Homer: So. Corp. Line	Cortland: No. Corp. Line	208		0.53			
7	Cortland: No. Corp. Line	Cortland: Main St.	City			1.08		
7A	Cortland: Cortland St.	Cortland: Port Watson St.	Rt. 9			0.26		
8	Cortland: Main St.	Cortland: East Corp. Line	City			1.18		
9	Cortland: E. Corp. Line	McGrawville: W. Corp. Line	378		2.90			
10	McGrawville: W. Corp. Line	Solon	5436	4.71				
11	Solon	Taylor Valley						4.10
12	Taylor Valley	Cincinnati Town Line						3.50
13	Taylor Town Line	Cincinnati: W. Main St.						1.90
14	Cincinnati: Railroad St.	Cincinnati: So. Main St.	377		0.31			
15	Cincinnati: W. Main St.	Willet Town Line						3.90
16	Cincinnati Town Line	Georgetown						2.40
17	Georgetown	Chenango County Line						3.90
County total				6.72	13.33	2.26		19.30
CHENANGO COUNTY								
1	Cortland County Line	Long Pond						1.80
2	Long Pond	Smithville Flats	5280	3.01				
3	Smithville Flats	Greene: No. Corp. Line	218		4.68			
4	Greene: No. Corp. Line	Greene: E. Corp. Line						1.30
5	Greene: E. Corp. Line	Coventry Town Line						3.90
6	Greene Town Line	Coventry: Maple St.						2.30
7	Coventry: Maple St.	Coventryville						2.30
8	Coventryville	Afton Town Line						2.20
9	Coventry Town Line	Afton: No. Corp. Line						3.80
10	Afton: No. Corp. Line	Afton: Main St. (Route No. 7)						0.48
County total				3.01	4.68			19.70
Route totals				25.33	20.07	5.54		39.00
Total miles in Route No. 10				39.94				

* Not included in total.

STATE ROUTE No. 11

Commencing at the city of Ithaca, running thence northerly to a point to be determined by the commission, on the dividing line between Cayuga and Tompkins counties, running thence northerly to the city of Auburn.

Section number	FROM TO		Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built	
				State	County	Town or corporation			
TOMPKINS COUNTY									
1	Ithaca: Stewart Ave., Rt. 9	Ithaca: No. Corp. Line	City			0.53			
2	Ithaca: No. Corp. Line	Lansing Town Line	336		1.57				
3	Ithaca Town Line	Esty Glen	336		1.60				
4	Esty Glen	South Lansing	5256	3.10					
5	South Lansing	Myers	5627					2.46	
6-7	Myers	Lake Ridge						0.50	
8	Lake Ridge	Cayuga County Line						1.00	
	County total		16.76	3.10	3.17	0.53		0.96	
CAYUGA COUNTY									
1	Tompkins County Line	King Ferry						2.75	
2	King Ferry	Ledyard	5525	2.23					
3	Ledyard	Wheeler	5525	2.35					
4	Wheeler	Scipioville	5244	3.73					
5	Scipioville	Fleming Town Line	5244	4.10					
6	Scipio Town Line	Hales	5244	3.69					
7	Hales	Auburn: So. Corp. Line	5012	2.75					
8	Auburn: So. Corp. Line	Auburn: Swift St.	5101	0.00					
9	Auburn: Swift St.	Auburn: Outlet Cr. (Rt.No. 6)	City			0.90			
	County total		23.10	19.45		0.90		2.75	
	Route totals			22.55	3.17	1.43		12.71	
Total miles in Route No. 11									39.66

STATE ROUTE No. 12

Commencing at a point at or near Horseheads, at a point to be determined by the commission running thence northerly to a point to be determined by the commission, on the dividing line between Schuyler and Chemung counties, running thence northerly by the way of Watkins, to a point to be determined by the commission, on the dividing line between Yates and Schuyler counties, running thence northwesterly by the way of Dundee, to the village of Penn Yan, running thence northerly to a point on the dividing line between Ontario and Yates counties, running thence northerly to the city of Geneva, running thence northerly from the city of Geneva, to a point to be determined by the commission, on the dividing line between Wayne and Ontario counties, running thence northerly to Lyons, connecting with route number twenty.

Section number	FROM	TO	Highway number	Miles COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
CHEMUNG COUNTY								
1	Horseheads: Route No. 9	Pine Valley: Catherine Cr.	5208	4.41				
2	Pine Valley: Catherine Cr.	Schuyler County Line	5208	4.39				0.41
County total			9.21	8.80				0.41
SCHUYLER COUNTY								
1, 2	Chemung County Line	Fitzpatrick Road	5208	3.18				
3	Fitzpatrick Road	Montour Falls	5180	1.56				
4	Montour Falls	Watkins: So. Corp. Line	5047	1.6				
5, 6	Watkins: So. Corp. Line	Watkins: No. Corp. Line	5335	1.75				
7-9	Watkins: No. Corp. Line	Yates County Line	5334				6.79	
(Continued Below)								
YATES COUNTY								
1	Schuyler County Line	Schuyler County Line	5334				0.41	
(Continued Below)								
SCHUYLER COUNTY — (Continued)								
10	Yates County Line	Yates County Line	5334				0.65	
County total			15.56	8.12			7.44	

STATE ROUTE No. 12 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
YATES COUNTY — (Continued)								
1	Schuyler County Line.....	Struble Corners.....	5108	1.99				
2		Ovenshire Corners.....	5128	2.68				
3	Struble Corners.....	Mile Town Line.....	5324	3.50				
4	Ovenshire Corners.....	Second Mile.....	5324	2.13				
5	Barrington Town Line.....	Penn Yan: So. Corp. Line.....	5324	2.58				
6	Second Mile.....	Penn Yan: No. Corp. Line.....	5324	2.68				
7	Penn Yan: So. Corp. Line.....	Benton Center.....	5291	1.75				
8	Penn Yan: No. Corp. Line.....	Ontario County Line.....	5323	3.05				
9	Benton Center.....		5323	3.20				
County total..... 23.97				23.56			0.41	
ONTARIO COUNTY								
1	Yates County Line.....	Halls Corners.....	5323	1.90				
2	Halls Corners.....	Seneca.....	635		2.04			
3	Seneca.....	Seneca Town Line.....	635		3.00			
4	Seneca Town Line.....	Hamilton St. (Route No. 6).....	636		1.01			
5, 6	Presumption Road.....	Geneva: No. Exchange St.....	Rt. 6	1.30		1.00		
7	Geneva: Lake St.....	Geneva: No. Corp. Line.....	City			0.90		
8	Geneva: No. Corp. Line.....	East Cross.....	334		1.99			
9	East Cross.....	West Junius.....	5252	2.80				
9, 10	West Junius.....	Wayne County Line.....	5252	4.57				
County total..... 17.91				9.27	7.74	0.90		
WAYNE COUNTY								
1	Ontario County Line.....	Lyons: Geneva St.....	5503	2.90				
2	Lyons: Geneva St.....	Lyons: Montezuma St., Rt. 20.....						0.53
County total..... 3.43				2.90				0.53
Route totals.....				52.65	7.74	0.90	7.86	0.53
Total miles in Route No. 12.....								70.08

* Not included in total.

STATE ROUTE No. 13

Commencing at Bath, Steuben county, running thence northeasterly by the way of Hammondsport to a point to be determined by the commission on the dividing line between Schuyler and Steuben counties, thence northeasterly to a point to be determined by the commission on the dividing line between Yates and Schuyler counties, thence northeasterly to Dundee on route number twelve.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
STEUBEN COUNTY								
1	Bath: Washington Ave.....	Bath: No. Corp. Line.....	5517	0.86				
2	Bath: No. Corp. Line.....	Hermitage.....	5517	3.41				
3	Hermitage.....	Hammondsport: So. Corp. L.....	5496	3.48				
4	Hammondsport: So. Corp. L.....	North Urbana.....						8.38
5	North Urbana.....	Wayne, Schuyler County L.....						5.10
	County total..... 16.15			7.75				8.40
SCHUYLER COUNTY								
1	Wayne, Steuben County Line.....	Yates County Line.....						2.60
YATES COUNTY								
1	Schuyler County Line.....	Wortman's Corner.....						2.84
2	Wortman's Corner.....	State Route No. 12.....						1.67
	County total..... 4.51							4.51
	Route totals.....			7.75				15.51
Total miles in Route No. 13.....								23.28

STATE ROUTE No. 14

Commencing at Corning, Steuben county, running thence northwesterly by the way of Bath Avoca to Cohocton, running thence northerly from Cohocton, to a point to be determined by the commission on the dividing line between Ontario and Steuben counties, running thence north-easterly to Naples, running thence northerly from Naples to a point to be determined by the commission, connecting with route number six, running thence along route number six, to Black's Corners, and from thence to Holcomb; running thence northwesterly to a point to be determined by the commission on the dividing line between Monroe and Ontario counties, thence northerly to Pittsford, thence westerly, then northerly to the city of Rochester.

Amended by L. 1910, ch. 648.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
STEBUEN COUNTY								
	Corning: W. Corp. Line.	Painted Post: Public Sq.	Rt. 4	*1.05				
1-3	Painted Post: Public Sq.	Campbell	5211	8.02				
4	Campbell	Savona	5224	4.30				
6	Savona	School House Creek	5224	4.21				
7	School House Creek	Bath: East Corp. Line.	754		1.45			
8	Bath: East Corp. Line.	Bath: McMaster St.	Village			0.27		
9, 10	Bath: McMaster St.	Bath: West Corp. Line.	5350	1.89				
11	Bath: West Corp. Line.	Avoca Town Line	5204	3.48				
12	Bath Town Line	Avoca: So. Corp. Line.	5204	2.89				
13	Avoca: So. Corp. Line.	Avoca: No. Corp. Line.	5351	1.50				
14-15	Avoca: No. Corp. Line.	Cohocton: So. Corp. Line.	5564	5.90				
16	Cohocton: So. Corp. Line.	Cohocton: No. Corp. Line.	5564	1.41				
17	Cohocton: No. Corp. Line.	Kirkwood	5611	2.22				
18	Kirkwood	Livingston Co. Line.	5611	3.53				
Also:								
	Savona Four Corners.	(D., L. & W. R. R.	5224	0.92				
County total.....				41.99				
				40.27	1.45	0.27		
ONTARIO COUNTY								
1	Steuben County Line.	Naples School No. 5.	5616	2.26				
2	Naples School No. 5.	Naples: So. Corp. Line.	204		0.59			
3	Naples: So. Corp. Line.	Naples: No. Corp. Line.	5397	1.74				
4	Naples: No. Corp. Line.	Grierson Corner	205		2.04			
5	Grierson Corner	Bristol Springs						2.09
5A	Bristol Springs	South Bristol						4.20
6	South Bristol	Bristol Town Line.						2.00
7	So. Bristol Town Line.	Bristol Center						3.71
8	Bristol Center	Fishers Corners						2.97
9	Fishers Corners	Gunn Corners	188		2.36			
9A	Gunn Corners	Black Corners	Rt. 6		*1.27			
10, 11	Black Corners	Holcomb	188		1.90			
	Holcomb	Monroe County Line.	5511	5.87				
County total.....				30.94				
				9.87	6.19			14.88
MONROE COUNTY								
1	Ontario County Line.	Mendon	5522	3.97				
2, 3	Mendon	Pittsford: So. Corp. Line.	493		6.19			
4	Pittsford: So. Corp. Line.	Erie Canal, Pittsford	5435	0.92				
5	Erie Canal, Pittsford	Rochester: Old E. Corp. Line	94		4.15			
County total.....				15.23				
				4.89	10.34			
Route totals				55.03	17.98	0.27		14.88

* Not included in total.

STATE ROUTE No. 15

Commencing at the junction of Big Creek road and Seneca street road in the town of Hornells-ville, Steuben county, running thence northwesterly within the county of Steuben to and through the village of Arkport, and northerly, within such county, along the road on the easterly side of Arkport valley, known as Dansville road, through Doty's Corners and by way of the Stony Brook Glen road in the town of Dansville, Steuben county, to the Livingston county line; thence through the town of North Dansville in Livingston county to the village of Dansville; thence northerly to the intersection of Gibson and South streets; thence northeasterly along Gibson street to Main street; thence northwesterly along Main street to the intersection of Main and Exchange streets; thence southwesterly along Exchange and South streets to the intersection of South and Gibson streets, and from the intersection of Main and Exchange streets along the highway from Dansville to Groveland station on the east side of the Genesee valley through the towns of North Dansville, Sparta and Groveland to Groveland Station; thence northerly along the highway leading from Groveland station to Genesee on the east side of the Genesee valley in the town of Groveland to its intersection with the improved county highway running from Mount Morris to Genesee; thence westerly through the towns of Groveland and Mount Morris to the village of Mount Morris; thence through the village of Mount Morris northwesterly and northerly by the way of the villages of Moscow and York Center to a point on route number six in the village of Caledonia; thence easterly along route six to Canawaugus; thence northerly to a point to be determined by the commission on the dividing line between Livingston and Monroe counties, thence northerly to route sixteen in Scottsville.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
STEUBEN COUNTY								
0	Hornell: Main St.	P. S. & N. R. R.	City			0.51		
2A	P. S. & N. R. R.	Canisteo St. (New Location)	5130	0.05				
1	Canisteo St. (Old Location)	Canisteo River Bridge	5353	0.10				
2	Canisteo River Bridge	Big Creek Bridge	5130	1.01				
3	Big Creek Bridge	Arkport	5254	3.92				
4, 5	Arkport	Livingston County Line	5352	10.37				
County total				15.45		0.51		
LIVINGSTON COUNTY								
1	Steuben County Line	Dansville: No. Corp. Line	5398	2.87				
2	Dansville: No. Corp. Line	West Sparta Station						4.00
3	West Sparta Station	Groveland Station						3.30
4	Groveland Station							3.40
5		Shaker Corners						3.40
6	Shaker Corners	Mt. Morris: E. Corp. Line	622		1.66			
7	Mt. Morris: E. Corp. Line	Mt. Morris: Main St.	855		0.47			
8	Mt. Morris: Mill St.	Mt. Morris: No. Corp. Line						1.00
9	Mt. Morris: No. Corp. Line	Moscow						2.70
10	Moscow	Wadsworth						3.50
11	Wadsworth	York						3.20
12	York	Caledonia Town Line	5593				3.64	
13	York Town Line	Caledonia: Main St., Rt. 6	5593				4.05	
14	Caledonia: Leicester Road	Canawaugus	Rt. 6	15.22				
15	Canawaugus, Rt. 6	Monroe County Line						2.80
				2.87	2.13		7.69	29.30
Also:								
	Dansville: Gibson St.	Dansville: Main St.	5398	1.53				
				4.40	2.13		7.69	29.30
MONROE COUNTY								
1	Livingston County Line	Scottsville: Allen Creek	5507	2.14				
2	Scottsville: Allen Creek	Scottsville: Cargill Hotel	79		0.08			
3	Scottsville: Cargill Hotel	Scottsville: Cale's Ave., Rt. 16	5046	0.47				
				2.61	0.08			
County total				2.66				

*So in original.

† Not included in total.

STATE ROUTE No. 15 — Concluded

Also from the point where the street in the village of Arkport, Steuben county, intersects the north and south road leading from Hornell to Doty's Corners, running thence westerly about three-quarters of a mile, thence northwesterly and northerly to Van Scoters Corners, Allegany county, to connect with a proposed county highway in said county.
Amended by L. 1912, ch. 473.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
STEUBEN COUNTY								
3A	Arkport.....	Allegany County Line.....	5532	2.67				
ALLEGANY COUNTY								
1	Steuben County Line.....	Van Scoters Corners.....	5532	2.58				
Route totals.....				27.71	2.18	0.51	7.69	29.30
Total miles in Route No. 15.....				67.39				

STATE ROUTE No. 16

Commencing at the village of Cuba, Allegany county, running thence northeasterly by the way of Belfast and Canadea, to a point to be determined by the commission, on the dividing line between Wyoming and Allegany counties, running thence northerly by the way of Pike, Gainesville and Rock Glen to Warsaw, running thence northerly to a point to be determined by the commission, on the dividing line between Genesee and Wyoming counties, running thence northerly to the village of Le Roy, running thence along route number six to Caledonia, running thence northerly to a point to be determined by the commission on the dividing line between Monroe and Livingston counties, running thence northerly by the way of Scottsville to the city of Rochester

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ALLEGANY COUNTY								
1	Cuba: Main St.	Cuba: Water St.	5174	0.20				
2	Cuba: Water St.	Seymour: Harbeck Farm	5023	2.82				
3	Seymour: Harbeck Farm	Black Creek						2.40
4, 5	Black Creek	Rockville						4.10
6	Rockville	Belfast: Chestnut St.						4.33
7	Belfast: Chestnut St.	Belfast: No. Corp. Line	5615				0.77	
8	Belfast: No. Corp. Line	Canadea	5615				3.43	
9	Canadea	Houghton	5615				3.20	
10	Houghton	Stone's Corner	5615				1.70	
11	Stone's Corner	Fillmore	5518	2.40				
12	Fillmore	Wellers	5518	2.35				
13	Wellers	Wyoming County Line						2.00
County total				7.77			9.07	13.40
WYOMING COUNTY								
1	Allegany County Line	Pike: No. Corp. Line						2.10
2	Pike: No. Corp. Line	Gainesville Town Line						2.55
3	Pike Town Line	Gainesville						2.10
4	Gainesville	Parker Corner	5400	2.92				
5	Parker Corner	Union Church	5400A	0.48				
6	Union Church	Warsaw: So. Corp. Line	5400	3.45				

STATE ROUTE No. 16 — Concluded

Section number	FROM	TO	Highway number	Miles Completed			con- tract	Approximate mile- age to be built	
				State	County	Town or cor- poration			
WYOMING COUNTY — Concluded									
6	Warsaw: So. Corp. Line.....	Warsaw: No. Corp. Line.....	5400	2.52					
7	Warsaw: No. Corp. Line.....	Schoolhouse Corner.....	5024	0.50					
8	Schoolhouse Corner.....	Matthews Creek.....	5134	2.50					
9	Matthews Creek.....	Covington Town Line.....	5410	2.39					
10	Middlebury Town Line.....	Pearl Creek.....	5410	1.49					
11	Pearl Creek.....	Genesee County Line.....	5024	2.08					
County total.....				28.26					
				19.51				8.75	
GENESEE COUNTY									
1	Wyoming County Line.....	D., L. & W. R. R., South.....	5582	4.53					
1A	D., L. & W. R. R., South.....	D., L. & W. R. R., North.....	R. R.					0.32	
2	D., L. & W. R. R., North.....	LeRoy: So. Corp. Line.....	5538	2.84					
3	LeRoy: So. Corp. Line.....	LeRoy: Main St.....	Village			0.70			
	LeRoy: Wolcott St.....	Livingston County Line.....	Rt. 6	*3.24		*0.80			
(Note: R.R., built by Railroad Co.)				7.37		0.70		0.32	
County total.....				8.39					
LIVINGSTON COUNTY									
1	Genesee County Line.....	Caledonia: North St.....	Rt. 6	*2.98					
	Caledonia: Main St.....	Monroe County Line.....	5021	1.04					
County total.....				1.04					
MONROE COUNTY									
1	Livingston County Line.....	Garbutt.....	5046	4.04					
2	Garbutt.....	Lewis Corner.....	5097	1.06					
3	Lewis Corner.....	Scottsville: Main St.....	5046	0.33					
3A	Scottsville: Caledonia Ave.....	Scottsville: McVeans.....	R. R.			0.19			
4	Scottsville: McVeans.....	South Chili.....	5279	2.70					
5	South Chili.....	Chili-Buckbee Road.....	5279	3.93					
6	South Chili Road.....	Chili.....	252		0.46				
7	Chili.....	Gates Town Line.....	255		2.56				
8	Chili Town Line.....	Rochester: Old W. Corp. Line.....	254		3.11				
(Note: R.R., built by Railroad Co.)				12.96	6.13	0.19			
County total.....				19.28					
Route total.....				48.65	6.13	0.89	9.07	22.47	
Total miles in Route No. 16.....									87.31

* Not included in total.

STATE ROUTE No. 17

Commencing at a point to be determined by the commission on route number four at or near Hinsdale, running thence northerly by the way of Franklinville and Machias to a point to be determined by the commission near the dividing lines of Erie, Wyoming and Cattaraugus counties, running thence northwesterly by the way of East Aurora to the city of Buffalo.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
CATTARAUGUS COUNTY								
1, 2	Scott, Rt. 4.	Franklinville Town Line	5543				5.98	
3, 4	Ischua Town Line	Farmersville Town Line	5544				5.88	
5, 6	Franklinville Town Line	B. R. & P. R. R.	5607				4.73	
7	B. R. & P. R. R.	Law Corner	5608				2.17	
8	Law Corner	Yorkshire Center						4.10
9	Yorkshire Center	Erie County Line						3.70
County total			28.56				20.76	7.80
ERIE COUNTY								
1	Cattaraugus County Line	Hand Road						3.70
2	Hand Road	Holland	5622				5.19	
3	Holland	East Casenovia Creek	5453	4.52				
4	East Casenovia Creek	East Aurora: Main St.	5317	4.97				
5	East Aurora: Olean St.	East Aurora: P. R. R.				0.21		
6	East Aurora: P. R. R.	East Aurora: Buffalo St.	5433	0.83				
7	East Aurora: Main St.	East Aurora: No. Corp. L.	5550	0.59				
8	East Aurora: No. Corp. L.	Elma Town Line	264		0.74			
9	Aurora Town Line	Seneca Town Line	263		4.23			
10	Elma Town Line	Casenovia Creek (East)	128		4.12			
11	Casenovia Creek (East)	Casenovia Creek (West)						0.20
12	Casenovia Creek (West)	Pratt Corner	67		0.68			
13	Pratt Corner	Buffalo: E. Corp. Line						0.70
County total			30.82	10.96	9.77	0.21	5.19	4.60
Route totals				10.96	9.77	0.21	25.95	12.40
Total miles in Route No. 17								59.28

STATE ROUTE No. 18

Commencing at a point to be determined by the commission, on the dividing line between Ripley, Chautauqua county, and the state of Pennsylvania, running thence northeasterly by the way of Westfield, Brocton, Fredonia, along the old Buffalo and Erie road, to a point to be determined by the commission, on the dividing line between Erie and Chautauqua counties, running thence northeasterly and northerly to the city of Buffalo, running thence northerly from the city of Buffalo to North Tonawanda, running thence northwesterly and westerly from North Tonawanda to the city of Niagara Falls, running thence northerly from Niagara Falls by the way of Lewiston to a point near the mouth of Niagara river, Niagara county.

Amended by L. 1911, ch. 89.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
CHAUTAUQUA COUNTY								
1	Pennsylvania State Line	Ripley						3.12
1A	Ripley	Foran						3.62
2	Foran	Westfield: W. Corp. Line						3.32
2A	Westfield: W. Corp. Line	Westfield: Viaduct (W. End)						0.70
	Westfield: Viaduct (W. End)	Westfield: Viaduct (E. End)	Town			0.25		
	Westfield: Viaduct (E. End)	Westfield: E. Corp. Line						1.39
3	Westfield: E. Corp. Line	Church Corners						2.23
3A	Church Corners	Brocton: W. Corp. Line						4.63

STATE ROUTE No. 18 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under tract	Approximate mile- age to be built
				State	County	Town or cor- poration		
CHAUTAUQUA COUNTY — Concluded								
2B	Brocton: W. Corp. Line.....	Brocton: E. Corp. Line.....						1.39
4	Brocton: E. Corp. Line.....	Fredonia: W. Corp. Line.....						4.64
4A	Fredonia: W. Corp. Line.....	Fredonia: Spring St.....						1.32
4B	Fredonia: Spring St.....	Fredonia: D. A. V. & P. R. R.....	Village			0.72		
5	Fredonia: D. A. V. & P. R. R.....	Roberts Road.....	5282	2.15				
6	Roberts Road.....	Sheridan.....	8003					5.83
7	Sheridan.....	Hanover Town Line.....						1.54
8	Sheridan Town Line.....	Silver Ck.: Forestville Rd.....						1.87
8A	Silver Creek: Forestville Rd.....	Silver Creek: Dunkirk St.....	Village			0.42		
9	Silver Creek: Main St.....	Erie County Line.....	5482	3.54				
County total.....			42.08	5.69		1.39		35.00
ERIE COUNTY								
1	Chautauqua County Line.....	Farnham: Commercial St.....	5600	2.11				
2	Farnham: Commercial St.....	Farnham: No. Corp. Line.....	5634					0.67
3	Farnham: No. Corp. Line.....	Evans Center.....	5634					4.59
4	Evans Center.....	.....	5546	4.48				
5	.....	Walden Cliffs.....	5054	1.95				
6	Walden Cliffs.....	Athol Springs.....	5407	5.87				
7	Athol Springs.....	Woodlawn: Fifth Ave.....	5019	1.87				
8	Woodlawn: Fifth Ave.....	Buffalo: So. Corp. Line.....	5071	2.61				
12	Buffalo: No. Corp. Line.....	.....	5193	2.84				
12	.....	Tonawanda Creek Bridge.....	5172	2.92				
County total.....			29.91	24.65				5.26
NIAGARA COUNTY								
1, 2	Tonawanda Creek Bridge.....	St. Johnsbury.....	5220	4.87				
3	St. Johnsbury.....	La Salle: Green Ave.....	5164	3.69				
4	La Salle: Green Ave.....	Cayuga Creek (East).....	5063	0.49				
	Cayuga Creek (East).....	La Salle: Creek Road.....	5381	0.09				
	La Salle: Creek Road.....	Niagara Falls: E. Corp. L.....	5063	1.97				
5	Niagara Falls: E. Corp. L.....	Niagara Falls: Main St.....	City			2.90		
6, 7	Niagara Falls: Pine St.....	Niagara Falls: No. Corp. L.....	City			2.80		
8	Niagara Falls: No. Corp. L.....	Lewiston Hill.....	475		2.22			
9	Lewiston Hill.....	Lewiston: ————.....	5590				0.61	
10	Lewiston: ————.....	Lewiston: No. Corp. Line.....	5306	1.36				
10	Lewiston: No. Corp. Line.....	Youngstown: So. Corp. L.....	5306	4.25				
11	Youngstown: So. Corp. L.....	Youngstown: No. Corp. L.....	5306	1.21				
County total.....			26.46	17.93	2.22	5.70	0.61	
Route totals.....				48.27	2.22	7.09	0.61	40.26
Total miles in Route No. 18.....								98.45

STATE ROUTE No. 19

Commencing at the city of Buffalo, running thence easterly to Marilla, thence southerly to Wales Center, thence easterly to a point to be determined by the commission on the dividing line between Wyoming and Erie counties, running thence easterly to Varysburg, thence northerly by the way of Attica to a point to be determined by the commission on the dividing line between Genesee and Wyoming counties, running thence northeasterly to Batavia, Genesee county, connecting with route number six.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ERIE COUNTY								
1	Buffalo: E. Corp. Line.....	R. R. Crossing (West).....	371		1.78			
2	R. R. Crossing (West).....	R. R. Crossing (East).....						0.57
3	R. R. Crossing (East).....	Elma Town Line.....	371		3.28			
4	W. Genesee Town Line.....	Elma: Bowen Road.....	372		2.95			
5	Elma: Bowen Road.....	Marilla Town Line.....	372		3.19			
6	Elma Town Line.....	Marilla.....	529		2.46			
7	Marilla.....	Wales Center: Big Tree Road.....	5635					5.78
8	Wales Center: Four Rod Rd.....	Wales Center.....	86		0.27			
9	Wales Center.....	Wyoming County Line.....						8.15
County total.....			23.43		13.93			9.50
WYOMING COUNTY								
1	Erie County Line.....	Persons Corners.....						3.90
2	Persons Corners.....	Varysburg.....						4.10
3	Varysburg.....	Sierks.....						4.40
4	Sierks.....	Attica: So. Corp. Line.....						2.89
5	Attica: So. Corp. Line.....	Genesee County Line.....						0.90
County total.....			16.10					16.10
GENESEE COUNTY								
1	Wyoming County Line.....	Alexander.....						3.00
2	Alexander.....	Batavia Town Line.....						4.34
3	Alexander Town Line.....	Batavia: So. Corp. Line.....						2.65
4	Batavia: So. Corp. Line.....	Batavia: N. Y. C. R. R.....				0.38		
5	Batavia: N. Y. C. R. R.....	Batavia: Main St. (Rt. 6).....	City City			0.35		
County total.....			10.62			0.73		9.89
Route totals.....					13.93	0.73		35.49

Total miles in Route No. 19..... 50.15

STATE ROUTE No. 29

Commencing at a point on route number six, at or near Elbridge, in Onondaga county, running thence northerly to Jordan and westerly to a point to be determined by the commission, on the dividing line between Cayuga and Onondaga counties, running thence northwesterly and southwesterly by the way of Port Byron and Montezuma, to a point to be determined by the commission, at or near the dividing lines between Wayne, Seneca and Cayuga counties, running thence northwesterly and westerly from Savannah, Clyde, Lyons and Newark to Palmyra, running in the county of Ontario south of the Erie canal a distance of about one mile, between Newark and Palmyra, entering and returning from the county of Ontario through such points as the commission may determine in the dividing line between the counties of Wayne and Ontario; running thence from Palmyra and Macedon to a point to be determined by the commission, on the dividing line between Monroe and Wayne counties, running thence northwesterly to the city of Rochester, Monroe county.

Amended by L. 1915, ch. 43.

Section number	FROM	TO	Highway number	Miles COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ONONDAGA COUNTY								
1	Elbridge: Main St., Rt. 6.....	Elbridge: No. Corp. Line.....	5080	0.51				
2	Elbridge: No. Corp. Line.....	Jordan: So. Corp. Line.....	487		1.57			
3	Jordan: So. Corp. Line.....	Jordan: W. Corp. Line.....	5630					1.03
4	Jordan: W. Corp. Line.....	Cayuga County Line.....	5630					0.73
County total.....			3.84	0.51	1.57			1.76
CAYUGA COUNTY								
1	Onondaga County Line.....	Weedsport: Seneca St.....						3.39
2	Weedsport: North St.....	Weedsport: Brutus St.....	1317		0.52			
3	Weedsport.....	Port Byron: E. Corp. Line.....	5609				2.86	
4	Port Byron: E. Corp. Line.....	Port Byron: W. Corp. Line.....	5609				1.03	
5	Port Byron: W. Corp. Line.....	Seneca County Line.....	5610				4.39	
County total.....			12.09		0.52		8.28	3.29
SENECA COUNTY								
1	Cayuga County Line.....	Wayne County Line.....						1.90
WAYNE COUNTY								
1	Seneca County Line.....	Clark's.....						3.30
2	Clark's, and Savannah.....	Hall's.....	5617	2.95				
3-5	Hall's.....	Clyde: E. Corp. Line.....	5089	3.62				
6	Clyde: E. Corp. Line.....	Clyde: Glasgow St.....	5089	0.91				
7, 8	Clyde: Ford St.....	Clyde: W. Corp. Line.....						0.99
9	Clyde: W. Corp. Line.....	Lock Berlin.....						3.29
10	Lock Berlin.....	Lyons: E. Corp. Line.....						2.84
11-13	Lyons: E. Corp. Line.....	Lyons: W. Corp. Line.....						3.10
14	Lyons: W. Corp. Line.....	Newark: E. Corp. Line.....						4.06
15	Newark: E. Corp. Line.....	Newark: St.....						0.60
16	Newark: St.....	Newark: St.....				0.30		
17	Newark: St.....	Newark: W. Corp. Line.....	Village					0.70
18	Newark: W. Corp. Line.....	Ontario County Line.....						2.80
(Continued Below)								
ONTARIO COUNTY								
1	Wayne County Line.....	Pt. Gibson and Wayne Co. L.....						1.10
WAYNE COUNTY — Concluded								
19	Ontario County Line.....	Palmyra: E. Corp. Line.....						3.90
20-22	Palmyra: E. Corp. Line.....	Palmyra: W. Corp. Line.....						1.70
23	Palmyra: W. Corp. Line.....	Macedon: E. Corp. Line.....						2.80
24	Macedon: E. Corp. Line.....	Macedon: No. Corp. Line.....						1.10
25	Macedon: No. Corp. Line.....	Monroe County Line.....						3.80
County total.....			40.10	7.48		0.30		32.32
MONROE COUNTY								
1	Wayne County Line.....	Fairport: E. Corp. Line.....						3.30
3-4	Fairport: E. Corp. Line.....	Fairport: W. Corp. Line.....						1.40
4A	Fairport: W. Corp. Line.....	Basket St.....	479		0.37			

STATE ROUTE No. 20 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
MONROE COUNTY — Concluded								
5	Basket St.	Shripe's Corner	60		2.90			
6	Shripe's Corner	East Ave.	5093					0.18
7	Pittsford Road	Rochester; E. Corp. Line	5		2.32			
County total			10.27		5.49			4.78
Route totals				7.99	7.58	0.30	8.28	45.15
Total miles in Route No. 20				69.80				

STATE ROUTE No. 21

Commencing at a point on the Hudson river at or near Albany and running thence easterly to a point at or near Sand Lake, running thence southerly to a point at or near Nassau, in Rensselaer county, running thence southeasterly to a point to be determined by the commission, on the dividing line between Columbia and Rensselaer counties, to a point to be determined by the commission, on the dividing line between Columbia county and the state of Massachusetts.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
RENSSELAER COUNTY								
0	Rensselaer: Hudson River	Rensselaer: High St.	City			0.78		
1, 2	Rensselaer: High St.	Defreestville-Couse Road	5533	2.11				
3	Greenbush Road	Defreestville	5196	0.67				
4	Defreestville	West Sand Lake						5.00
5	West Sand Lake	Averill Park: Troy Road	5278A	3.10				
5A	West Sand Lake	Averill Park: Nassau Road	194		0.04			
6	Averill Park: Troy Road	Paper Mill Bridge	5278A	0.56				
7	Paper Mill Bridge	Nassau Town Line						3.58
8	Nassau Town Line	Hoags Corners Road						3.00
9	Hoags Corners Road	Nassau: No. Corp. Line						3.30
10	Nassau: No. Corp. Line	Nassau: Church St.						0.54
11	Nassau: Chatham St.	Nassau: E. Corp. Line	5163	0.41				
12	Nassau: E. Corp. Line	Brainard: South Road	285		3.62			
13	Nassau Road	East Nassau Road	439		2.06			
14	East Nassau Road	Columbia County Line	5108	0.40				
County total				28.09	7.25	5.72	0.78	14.34
COLUMBIA COUNTY								
1-2	Rensselaer County Line	New Lebanon-Mt. Leb'on Rd.	615		6.56			
3	New Lebanon-Leb'on Spr. Rd.	Mount Lebanon						1.10
4	Mount Lebanon	Massachusetts State Line	4		0.60			
County total				8.26		7.16		1.10
Route totals					7.25	12.88	0.78	15.44
Total miles in Route No. 21								36.35

STATE ROUTE No. 22

Troy City — Whitehall — Putnam Section

Commencing at a point in Rensselaer county at or near the city of Troy, running thence north-easterly by the way of Raymertown, to Potter Hill, running thence northerly through Hoosick Falls, to a point at or near Eagle Bridge, on the dividing line between Washington and Rensselaer counties, running thence northerly by the way of Cambridge, Salem and Granville by the way of Whitehall and the shore road along Lake Champlain to Putnam.

Section number	FROM	TO	Highway number	Miles Completed			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
RENSSELAER COUNTY								
1	Troy: Old E. Corp. Line.....	Reservoir Road.....	5393	0.52				
2	Reservoir Road.....	.....	10		0.48			
2A	.....	Clums Corners Road.....	25		3.05			
3	Clums Corners Road.....	Haynersville.....	84		2.46			
4	Haynersville.....	Tomhannock Reservoir.....	478		3.21			
5	Tomhannock Reservoir.....	Hoosick Town Line.....	5479	6.18				
6, 7	Pittstown Town Line.....	Hoosick Road.....	5354	5.11				
8	Hoosick Road.....	Hoosick Falls: So. Corp. Line.....	490		2.90			
9	Hoosick Falls: So. Corp. L.....	Hoosick Falls: No. Corp. L.....	5040	1.53				
10	Hoosick Falls: No. Corp. L.....	Washington County Line.....	490		3.45			
	County total.....	28.89		13.34	15.55			
WASHINGTON COUNTY								
1	Rensselaer County Line.....	Center White Creek.....	721		2.08			
2	Center White Creek.....	Cambridge: So. Corp. Line.....	97		3.57			
3, 4	Cambridge: So. Corp. Line.....	Jackson.....	5113	3.67				
5, 6	Jackson.....	Greenwich Junction.....	5293	6.01				
7	Greenwich Junction.....	Salem: No. Corp. Line.....	5316	3.09				
8	Salem: No. Corp. Line.....	.....	5033	2.96				
9, 10	.....	West Pawlet.....	5336	9.48				
11	West Pawlet.....	.....	722		2.08			
11A	.....	Granville: So. Corp. Line.....	104		1.25			
12	Granville: So. Corp. Line.....	Granville: No. Corp. Line.....	5404	1.75				
13	Granville: No. Corp. Line.....	Middle Granville.....	103		1.31			
14	Middle Granville.....	North Granville.....						3.80
15	North Granville.....	Comstock.....						5.10
16	Comstock.....	Whitehall: Town Line.....	1224					
17	Fort Ann Town Line.....	Whitehall: So. Corp. Line.....	723		4.77			
18	Whitehall: So. Corp. Line.....	Whitehall: Bellamy St.....	5631	1.32				
18A	Whitehall: Broad St.....	South Bay Br. East End.....	5578	1.88				
19	East End of Bridge.....	West End of Bridge.....						0.26
19A	W. End of South Bay Bridge.....	Dresden Center.....	5637					5.77
20	Dresden Center.....	Dresden Station.....						3.50
21	Dresden Station.....	Mill Brook.....						4.10
22	Mill Brook.....	Putnam.....						2.70
	County total.....	70.65		30.16	15.26			25.23
	Route totals.....			43.50	30.81			25.23

Total miles in southern section of Route No. 22..... 99.54

STATE ROUTE No. 22

Riparian — Rouses Point Section

And commencing at a point on route twenty-five at Riparian in Warren county, and running thence to a point to be determined by the commission on the dividing line between Essex and Warren counties, and running thence northerly by way of Schroon Lake village to Elizabethtown running thence westerly to Keene, thence northerly to Ausable Forks and a point on the dividing line between Clinton and Essex counties, thence northeasterly to a point at or near Ausable Chasm, thence northerly by the way of Plattsburgh and Chazy to Rouses Point.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
WARREN COUNTY								
1, 2	Route No. 25 at Loon Lake..	Essex County Line.....	692	.....	8.94	.....	.....	.....
ESSEX COUNTY								
1	Warren County Line.....	Schroon Lake Hamlet.....	745	.....	5.46	.....	.....	.....
3, 8	Schroon Lake Hamlet.....	No. Hudson Town Line.....	5179	6.78	.....	.....	.....	.....
4, 5	Schroon Town Line.....	North Hudson Hamlet.....	5180	5.39	.....	.....	.....	.....
6, 7	North Hudson Hamlet.....	Courtney Pond.....	5181	3.94	.....	.....	.....	.....
8	Courtney Pond.....	Euba Mills.....	5182	5.29	.....	.....	.....	.....
9, 10	Euba Mills.....	New Russia.....	5117	6.00	.....	.....	.....	.....
11	New Russia.....	Elizabethtown: High St.....	5183	3.70	.....	.....	.....	.....
12, 13	Elizabethtown: High St.....	Keene Town Line.....	5239	6.18	.....	.....	.....	.....
14, 15	Elizabethtown Town Line.....	Keene.....	5238	6.21	.....	.....	.....	.....
16, 17	Keene.....	Upper Jay.....	5236	6.06	.....	.....	.....	.....
18	Upper Jay.....	Jay.....	5235	3.69	.....	.....	.....	.....
19	Jay.....	Featherstone's.....	5184	2.54	.....	.....	.....	.....
20	Featherstone's.....	Ausable Fks. and Clin. Co. L.....	5011	3.45	.....	.....	.....	.....
(Continued Below)								
CLINTON COUNTY								
1	Ausable Fks. and Essex Co. L.....	Clintonville.....	476	.....	5.38	.....	.....	.....
2, 3	Clintonville.....	Keeseville: So. Corp. Line.....	651	.....	5.58	.....	.....	.....
4	Keeseville: So. Corp. Line.....	Ausable Chasm.....	5056	2.36	.....	.....	.....	.....
5	Ausable Chasm.....	Essex County Line.....	5311	0.29	.....	.....	.....	.....
(Continued Below)								
ESSEX COUNTY — Concluded								
21	Clinton County Line.....	Clinton County Line.....	5311	1.57	.....	.....	.....	.....
County total.....				65.26	.....	.....	.....	.....
CLINTON COUNTY — Concluded								
6	Essex County Line.....	Little Ausable River.....	5311	3.06	.....	.....	.....	.....
7, 8	Little Ausable River.....	Plattsburg: So. Corp. Line.....	5191	6.89	.....	.....	.....	.....
9	Plattsburg: So. Corp. Line.....	Plattsburg: Old Corp. Line.....	5197	0.26	.....	.....	.....	.....
9B	Plattsburg: Old Corp. Line.....	Peru St. Railroad Crossing.....	City	.....	.....	1.34	.....	.....
9A	Peru St. Railroad Crossing.....	Bridge St.....	5475	0.30	.....	.....	.....	.....
9C	Peru St.....	Margaret St. Rail'd Crossing.....	City	.....	.....	0.78	.....	.....
10	Margaret St. Rail'd Crossing.....	Plattsburg: No. Corp. Line.....	5197	1.53	.....	.....	.....	.....
11	Plattsburg: No. Corp. Line.....	Ingraham.....	5694	3.79	.....	.....	.....	2.50
12	Ingraham.....	Chazy-West Chazy Road.....	.....	.....	.....	.....	.....	5.00
13	Chazy-Chazy Landing Road.....	D. & H. R. R. Crossing.....	433	.....	0.40	.....	.....	.....
13A	Railroad Crossing, Chazy.....	Coopersville.....	5199	4.85	.....	.....	.....	.....
14	Coopersville.....	Rouses Pt. So. Corp. Line.....	5199	5.70	.....	.....	.....	.....
15	Rouses Pt.: So. Corp. L.....	Rouses Pt.: D. & H. R. R.....	5228	1.60	.....	.....	.....	.....
16	Rouses Pt.: D. & H. R. R.....	Canadian Line: Kings High.....	5337	2.36	.....	.....	.....	.....
County total.....				52.26	.....	.....	.....	.....
Route totals.....				.....	.....	.....	.....	.....
				80.80	11.36	2.12	.....	3.10
				91.48	25.76	2.12	.....	3.10

Total miles in northern section of Route No. 22..... 127.46
 Total miles in Route No. 22..... 227.00

STATE ROUTE No. 22A

Commencing at a point at the end of county highway petition number sixteen hundred and fifty-one, in the village of Newman and running thence northeasterly through Wilmington Notch and High Falls to Hathaway Corners, thence northerly across Ausable river to Nye's Corners, thence easterly through the village of Wilmington to the village of Jay connecting with route number twenty-two, Essex county.

Amended by L. 1914, ch. 201.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ESSEX COUNTY								
1	Lake Placid Village.....	High Fall.....	5500	7.18				
2	High Fall.....	Wilmington.....	5540	10.16				
3	Wilmington.....	Jay, Route No. 22.....						
				17.34				
				17.34				
	Route totals.....							
	Total miles in Route No. 22A.....							17.34

STATE ROUTE No. 22B

Commencing at a point on county highway number eight hundred and ninety-one outside of the village of Ticonderoga and extending westerly through the towns of Ticonderoga and Schroon through the village of Chilson, to a point on route number twenty-two at or near Severance hill, being within the boundaries of the county of Essex.

Added by L. 1913, ch. 735.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ESSEX COUNTY								
1	Ticonderoga: Howe St., C.H. 891	South Road						3.20
2	South Road	Chilson						2.00
3	Chilson	Chilson Lake Crossing						3.30
4	Chilson Lake Crossing	Paradox						3.30
5	Paradox	Smith Bay	5541	2.47				
6	Smith Bay	Platts Corners, Rt. 22	5541	3.80				
				5.97				11.70
				5.97				11.70
	Route totals							
Total miles in Route No. 22B								17.06

STATE ROUTE No. 22C

Commencing at a point on county highway number ten hundred and twenty-three, and running thence northerly and westerly to Pottersville on the easterly side of the Schroon river, terminating at route number twenty-two, all within the boundaries of Warren county.

Added by L. 1913, ch. 735.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
WARREN COUNTY								
1	Starbuckville: C. H. 1023	Valentine Creek.....						2.30
2	Valentine Creek.....	Pottersville, Route No. 22.....						2.50
								4.80
	Route totals.....							4.80
	Total miles in Route No. 22C.....							4.80

STATE ROUTE No. 23

Commencing on the Cherry Valley turnpike at the westerly line of the village of West Winfield near the intersection of the three counties, Otsego, Oneida and Herkimer, running thence westerly to the village of Bridgewater, running thence northerly to the city of Utica, running thence northeasterly through the town of Deerfield to a point to be determined by the commission on the dividing line between Herkimer and Oneida counties, at or near Poland, there intersecting route number twenty-six, running northeasterly through Cold Brook, Wilmurt and Nobleboro to the Hamilton county line there joining the county highway of Hamilton county which leads through Morehouseville to Lake Pleasant, joining route twenty-four at Lake Pleasant and running thereon to Speculator, running thence northerly by way of Lewey Lake to Indian Lake village; thence northwesterly to Blue Mountain Lake there joining route twenty-five.

Amended by L. 1914, ch. 47.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
HERKIMER COUNTY								
1	W. Winf.: W. Cp. L., Rt. 23A.	Oneida County Line.....	5465	0.04				
(Continued Below)								
ONEIDA COUNTY								
1	Herkimer County Line.....	Herkimer County Line.....	5465	0.57				
(Continued Below)								
HERKIMER COUNTY — (Continued)								
1A	Oneida County Line.....	Otsego County Line.....	5465	0.10				
(Continued Below)								
OTSEGO COUNTY								
1	Herkimer County Line.....	Oneida County Line.....	5465	1.53				
(Continued Below)								
ONEIDA COUNTY — (Concluded)								
2	Otsego County Line.....	Bridgewater: No. Corp. L.....	5465	0.69				
3	Bridgewater: No. Corp. L.....	Paris Town Line.....	559		4.17			
4	Bridgewater Town Line.....	Clayville: So. Corp. Line.....	559		2.31			
5	Clayville: So. Corp. Line.....	Clayville: No. Corp. Line.....	5079	1.44				
6	Clayville: No. Corp. Line.....	Hartford Town Line.....	559		2.68			
7	Paris Town Line.....	Utica: So. Corp. Line.....	71		4.63			
8	Utica: So. Corp. Line.....	Utica: Parkway.....	5605	0.52				
8A	Utica: Parkway.....	Utica: Oneida Square.....				0.75		
8B	Utica: Oneida Square.....	Barge Canal South.....				1.70		
9	Barge Canal, South.....	Barge Canal, North.....	B. C.			0.16		
10	Barge Canal, North.....	Deerfield Four Corners.....	5604				0.34	
	Deerfield Four Corners.....	933.....		0.03				
	Shaw Corners.....	Shaw Corner.....	5604				0.71	
11	Shaw Corners.....	Marcy Hill Road.....	5633					5.10
12-18	Marcy Hill Road.....	Rt. 26 near W. Canada Cr. Br.	5597				5.34	
	Rt. 23, near W. Can. Cr. Br.	Herkimer County Line.....	Rt. 26				*0.68	
(Note: B. C., built with Barge Canal moneys)								
County total.....				3.22	13.82	2.61	6.39	5.10
HERKIMER COUNTY — (Concluded)								
	Oneida County Line.....	Poland: Main St.....	Rt. 26				*0.74	
1	Poland: Main St.....	Poland: E. Corp. Line.....	5698	0.54				
2	Poland: E. Corp. Line.....	Coldbrook: So. Corp. Line.....	360		0.35			
3	Coldbrook: So. Corp. Line.....	Coldbrook: State St.....	5698	0.80				
4	Coldbrook: State St.....	Coldbrook: No. Corp. L.....	467		0.53			
5	Coldbrook: No. Corp. Line.....	Norway Town Line.....	467		1.81			
6	Russia Town Line.....	Ohio Town Line.....						2.09
7	Norway Town Line.....	Ohio.....						3.59
8, 9	Ohio.....	Wilmurt.....						6.10
10	Wilmurt.....	Hamilton County Line.....						4.38
County total.....				1.48	2.60			18.40
HAMILTON COUNTY								
1	Herkimer County Line.....	Mt. House Road.....	374		15.00			15.02
2, 3	Mt. House Road.....	Arietta Town Line.....						13.28
4	Morehouse Town Line.....	Irondequoit Bay.....						12.40
5	Irondequoit Bay.....	Echo Cliff.....						12.40

* Not included in total.

† Not included in total according to an opinion dated November 10, 1915, by the Attorney General to the effect that Route 23 Stops at the Herkimer County Line and is again taken up at Lake Pleasant, running thence to Speculator etc

STATE ROUTE No. 23 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			con- tract	Approximate mile- age to be built
				State	County	Town or cor- poration		
HAMILTON COUNTY — Concluded								
6	Echo Cliff.....	Piseco.....						12.50
7	Piseco.....	Lilly Lake.....	1025		14.52			
8	Lilly Lake.....	Lake Pleasant.....	1025		13.23			
9	Lake Pleasant.....	Speculator.....	Rt. 24		3.44			
10	Speculator.....	Hatchery.....						2.40
11	Hatchery.....	Jessup River.....						4.10
12	Jessup River.....	Mason Lake.....						3.60
13	Mason Lake.....	Lewey Lake Outlet.....						4.80
14	Lewey Lake Outlet.....	Griffin Brook.....						4.20
15	Griffin Brook.....	Sabael.....						5.00
16	Sabael.....	Indian Lake Hamlet.....						3.40
17	Indian Lake Hamlet.....	Cedar River Road.....						2.14
18	Cedar River Road.....	Forest House.....						4.00
19	Forest House.....	Blue Mt. Lake, Rt. 25.....						4.90
County total.....			38.54					38.54
Route totals.....				6.23	16.51	2.61	8.39	60.04
Total miles in Route No. 23.....								91.78

* Not included in total.

† Not included in total according to an opinion dated November 10, 1915, by the Attorney General to the effect that Route 23 stops at the Herkimer County Line and is again taken up at Lake Pleasant, running thence to Speculator, etc.

STATE ROUTE No. 23A

Commencing on route six in the village of Ilion at its intersection with Otsego street, running thence southerly through Cedarville, Chepachet and to the westerly line of the village of West Winfield, there connecting with route twenty-three.
Amended by L. 1912, ch. 535.

Section number	FROM	TO	Highway number	Miles Completed			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
HERKIMER COUNTY								
1	Ilion: E. Main St., Rt. 6.....	Ilion: So. Corp. Line.....	5513	0.90				
2, 3	Ilion: So. Corp. Line.....	Cedarville.....	5466	7.12				
4	Cedarville.....	East Winfield.....						3.90
5	East Winfield.....	West Winfield: E. Corp. L.....						1.96
6	West Winfield: E. Corp. L.....	W. Winf.: W. Corp. L., Rt. 23.....	5466	1.03				
				9.05				5.80
Route totals				9.05				5.80
Total miles in Route No. 23A.....								14.85

STATE ROUTE No. 24

Commencing at a point on route number six at Fonda, Montgomery county, running thence northerly to a point to be determined by the commission on the dividing line between Fulton and Montgomery counties, running thence northerly by the way of Johnstown and Gloversville to Northville, running thence northerly to a point to be determined by the commission on the dividing line between the counties of Hamilton and Fulton, running thence northerly to Lake Pleasant.

Section number	FROM	TO	Highway number	MILES COMPLETED			con-tract	Approximate mile-age to be built
				State	County	Town or cor-poration		
MONTGOMERY COUNTY								
1	Fonda: Main St., Rt. 6.....	Fulton County Line.....	5096	2.43				
FULTON COUNTY								
1	Montgomery County Line.....	Johnstown: So. Corp. Line.....	5096	0.64				
2	Johnstown: So. Corp. Line.....	Johnstown: So. Williams St.....	5394	0.82				
2A	Johnstown: W. Madison Ave.....	Johnstown: Jeffers St.....	City			1.95		
3	Johnstown: Jeffers St.....	Gloversville: W. Corp. Line.....	5394	0.72				
4	Johnstown: E. Corp. Line.....	Gloversville: Fulton St.....	City			1.60		
4A	Gloversville: Fulton St.....	Gloversville: Green St.....	City			0.80		
5	Gloversville: No. Main St.....	Gloversville: E. Corp. Line.....	City			0.95		
5A	Gloversville: E. Corp. Line.....	Mayfield: W. Corp. Line.....	33		4.04			
6	Mayfield: W. Corp. Line.....	Mayfield: No. Corp. Line.....	5194	1.11				
6A	Mayfield: No. Corp. Line.....	Dennie Corners.....	363		1.37			
7	Dennie Corners.....	Northampton Town Line.....	541		3.54			
8	Mayfield Town Line.....	Chapman's Corners.....	541		3.25			
8A	Chapman's Corners.....	Sacandaga River.....	362		1.71			
9	Sacandaga River.....	Northville: Main St.....	5045	0.44				
9A	Northville: Bridge St.....	Northville: Fourth St.....	Village			0.40		
10	Northville: Fourth St.....	Hamilton County Line.....	5065	1.98				
County total.....				25.41	5.71	13.91	5.79	
HAMILTON COUNTY								
1	Fulton County Line.....	Hope Center.....	5083	2.99				
2	Hope Center.....	Hope.....	5188	2.30				
3	Hope.....	Dunham.....	5133	3.15				
4	Dunham.....	Stuart Corners.....	5298	5.74				
5	Stuart Corners.....	Wells Town Bridge.....	5514	6.98				
6	Wells Town Bridge.....	Speculator.....	5523					6.74
7	Speculator.....	Lake Pleasant, Rt. 23.....	277		3.44			
				21.16	3.44			6.74
Also:								
	Stuart Corners.....	Elbow Creek.....	5298	0.23				
County total.....				31.57	21.30	3.44		6.74
Route totals.....					29.53	17.35	5.79	6.74
Total miles in Route No. 24.....					59.41			

STATE ROUTE No. 28

Commencing at Whitesboro near Utica on route number twenty-eight in Oneida county, running thence northerly, by the way of Marcy, Holland Patent, Remsen, Alder Creek and White Lake Corners, to a point to be determined by the commission, at or near the dividing lines between Herkimer, Lewis and Oneida counties, running thence northeasterly by the way of Fulton Chain, and on or near the highways laid out, to a point to be determined by the commission, on the dividing line between Hamilton and Herkimer counties, running thence easterly by the way of Raquette Lake, and on the south shore of Raquette Lake, running thence northeasterly to Blue Mountain Lake, running thence northerly to Long Lake, running thence easterly to a point to be determined by the commission, on the dividing line between Essex and Hamilton counties, running thence easterly to Newcomb, running thence southeasterly by the way of Minerva, to a point to be determined by the commission, on the dividing line between Warren and Essex counties, running thence by the way of North Creek, Riparius and Warrensburg to Lake George, running thence southerly to a point to be determined by the commission on the dividing line between Saratoga and Warren counties at or near Glens Falls, running thence southerly by the way of Saratoga Springs to Ballston Spa, running thence southeasterly to a point to be determined by the commission on the dividing line between Albany and Saratoga counties, running thence southerly to a point to be determined by the commission at or near the city of Albany.

Section number	FROM	TO	Highway number	Miles Completed			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ONEIDA COUNTY								
1	Whitesboro: W. Cp. L., Rt. 28	Barge Canal: South	5547				0.67	
	Barge Canal, South	Barge Canal, North	B. C.			0.16		
	Barge Canal, North	Carey Corners	5547				0.03	
2	Carey Corners	Stittville	5325	6.76				
3	Stittville	Trenton: Mappa Ave.	5325	5.61				
4	Trenton: Mappa Ave.	Prospect	5345	3.16				
	Prospect	Remsen: Main St.	5345	2.70				
5	Remsen: Prospect St.	Boonville Town Line	5346	5.88				
6, 7	Remsen Town Line	Herkimer County Line	5348	16.77				
	(Note: B. C., built with Barge Canal moneys)			40.88		0.16	0.70	
	Also:							
	Remsen: Prospect St.	Trenton Town Line	5346	0.23				
	County total		41.97	41.11		0.16	0.70	
HERKIMER COUNTY								
1	Oneida County Line	Moose River, McKeever	5248	1.26				
2	Moose River, McKeever	Old Forge: So. Corp. Line	462		9.91			
3	Old Forge: So. Corp. Line	Old Forge: E. Corp. Line	5441	1.26				
4	Old Forge: E. Corp. Line	Bald Mountain						3.80
5	Bald Mountain	Hamilton County Line						5.22
	County total		21.45	2.52	9.91			9.02
HAMILTON COUNTY								
0	Herkimer County Line	Inlet Road	1098				0.19	
1	Inlet Road	Long Lake Town Line						1.70
2	Inlet Town Line	Inlet Town Line						1.80
3-4	Long Lake Town Line	Arietta Town Line						5.80
5	Inlet Town Line	South Inlet River						2.55
6-7	South Inlet River	Indian Lake Town Line						4.66
8	Arietta Town Line	Utown Lake						8.50
9	Utown Lake	Blue Mountain Lake						3.20
10	Blue Mountain Lake	Salmon River						5.50
11	Salmon River	Grove	848		3.74			3.58
12	Grove	Long Lake, Show Pond	5189	8.43				
13, 14	Long Lake, Show Pond	Essex County Line						
	County total		45.06	8.43	3.74		0.19	32.66

STATE ROUTE No. 25 — Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ESSEX COUNTY								
1-2	Hamilton County Line	Newcomb	5188	4.63				
3-4	Newcomb	Minerva Town Line	756		7.03			
5-6	Newcomb Town Line	Alden Lair	5187	5.69				
7-8	Alden Lair	Minerva	5186	6.33				
9	Minerva	Warren County Line	558		3.64			
County total				16.65	10.67			
WARREN COUNTY								
1	Essex County Line	North Creek	736		4.12			
2	North Creek	Wevertown	5185	6.07				
3	Wevertown		5088	1.53				
4		Riparius: Hudson R. Br. W.	5055	1.63				
5-8	Riparius: Hudson R. Br. E.	Chestertown	691		5.73			
9, 10	Chestertown	Chase Mountain	5158	6.49				
11, 12	Chase Mountain	Warrensburg	5157	6.55				
13	Warrensburg	Lake George: No. Corp. L.	5227	4.58				
14	Lake George: No. Corp. L.	Lake George: So. Corp. L.	5068	1.48				
15	Lake George: So. Corp. L.	Glens Falls: No. Corp. L.	417		7.56			
16	Glens Falls: No. Corp. L.	Glens Falls: Lincoln Ave.	5528	0.61				
17	Glens Falls: Lincoln Ave.	Saratoga County Line	City			1.10		
				28.94	17.41	1.10		
Also:								
	North Creek: Wevertown Rd.	North Creek: D. & H. R. H.	5185	0.50				
County total				29.44	17.41	1.10		
SARATOGA COUNTY								
1-2	Warren County Line	So. Glens Falls: So. Corp. L.	5593	1.10				3.50
3	So. Glens Falls: So. Corp. L.	Ft. Edward Road						4.00
4	Ft. Edward Road	Northumberland Town Line						4.10
5	Moreau Town Line							4.30
6		Schuylerville Road						
7	Northumberland Road	Saratoga Springs Town Line	244		5.29			
8	Saratoga Town Line	Saratoga Springs: E. Corp. L.	443		3.76			
9	Saratoga Springs: E. Corp. L.	Saratoga Springs: Circular St.	City			0.57		
10	Saratoga Springs: Lake Ave.	Saratoga Springs: Union St.	City			0.90		
11	Saratoga Springs: Union St.	Saratoga Spgs.: So. Corp. L.	City			0.85		
12	Saratoga Spgs.: So. Corp. L.	Ballston Spa: E. Corp. Line	241		4.36			
13	Ballston Spa: E. Corp. Line	Ballston Spa: Hamilton St.	5062	0.67				
	Ballston Spa: Hamilton St.	Ballston Spa: Front St.	Village			0.21		
	Ballston Spa: Front St.	Ballston Spa: So. Corp. Line	5062	0.54				
	Ballston Spa: So. Corp. Line	Mourning Kill Creek	5062	1.69				
14	Mourning Kill Creek	Ballston Lake Hamlet	5085	4.51				
15	Ballston Lake Hamlet	Lipes Corners						5.50
16	Lipes Corners	Clifton Park	5639					2.66
17	Clifton Park	Crescent and Albany Co. Line	5639					3.71
County total				8.51	13.41	2.53		27.77
ALBANY COUNTY								
1	Crescent and Saratoga Co. L.	Dry Dock	5614	0.10				
2-3	Dry Dock	Whitbeck Corners	5555	4.19				
4	Whitbeck Corners	Newtonville	119		2.74			
5	Newtonville	Albany: Old No. Corp. Line	23		3.41			
County total				4.29	6.15			
Route totals				110.95	61.29	3.79	0.89	69.48

Total miles in Route No. 25..... 246.43

STATE ROUTE No. 25

Commencing in the village of Mohawk near the intersection of routes five and six, thence running easterly through Jacksonburg to Little Falls, thence running northwesterly through Eatonsville, Middleville, Newport and Poland, across the corner of Oneida county, thence in Herkimer county to a point on the dividing line between Oneida and Herkimer counties near Gravesville, thence by the way of Trenton Falls to join route number twenty-five at or near Trenton.

Amended by L. 1910, ch. 573.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under tract	Approximate miles to be built
				State	County	Town or corporation		
HERKIMER COUNTY								
1	Mohawk: Main St., Rt. 6.....	Mohawk: E. Corp. Line.....						0.10
2	Mohawk: E. Corp. Line.....	Jacksonburg.....						4.25
3	Jacksonburg.....	Little Falls: So. Corp. Line.....						3.02
4	Little Falls: So. Corp. Line.....	Little Falls: Erie Canal.....	City			0.71		
5	Little Falls: Erie Canal.....	Little Falls: Church St.....	City			0.36		
6	Little Falls: No. Ann St.....	Little Falls: No. Corp. Line.....	City			1.10		
7	Little Falls: No. Corp. Line.....	Fairfield Town Line.....						3.60
8	Herkimer Town Line.....	Middleville: So. Corp. Line.....						4.10
9	Middleville: So. Corp. Line.....	Middleville: Bridge St.....						0.67
10	Middleville: Bridge St.....	Middleville: No. Corp. L.....	5064	0.53				
11	Middleville: No. Corp. L.....	Newport: So. Corp. Line.....	461		3.16			
12	Newport: So. Corp. Line.....	Newport: No. Corp. Line.....	5064	1.03				
13	Newport: No. Corp. Line.....	Poland: So. Corp. Line.....	461		2.80			
14	Poland: So. Corp. Line.....	Poland: Cold Brook St.....	5069	0.69				
15	Poland: Cold Brook St.....	W. Can. Ck.: Oneida Co. L.....	5559	0.74				
(Continued Below)								
ONEIDA COUNTY								
1	Poland: W. C. Ck.: Herk. C. L.	W. Can. Ck.: Herk. Co. L.....	5559	0.75				
(Continued Below)								
HERKIMER COUNTY — (Concluded)								
16	W. Can. Ck.: Oneida Co. L.	Gravesville: Oneida Co. L.....	5559	3.50				
County total.....				30.42	6.55	5.96	2.17	15.74
ONEIDA COUNTY — (Concluded)								
2	W. Can. Ck.: Herk. Co. L.	Trenton: Boon St., Rt. 25.....	5559	3.84				
County total.....				4.59				
Route totals.....				11.14	5.96	2.17		15.74
Total miles in Route No. 26.....								35.01

STATE ROUTE No. 27

Commencing at a point on route twenty-five, to be determined by the commission near Alder Creek, running thence northwesterly by way of Booneville,* to a point on the dividing line between Lewis and Oneida counties, running thence northerly by the way of Lowville, to a point at or near Carthage, on the dividing line between Jefferson and Lewis counties, running thence northwesterly and westerly to the city of Watertown, running thence northwesterly from the city of Watertown to Clayton, thence northeasterly to Alexandria Bay, Jefferson county.

Section number	FROM	TO	Highway number	Miles Completed			con- tract	Approximate mile- age to be built
				State	County	Town or cor- poration		
ONEIDA COUNTY								
1	Alder Creek: Rt. 25	Boonville: Black River Canal.	5307	6.40				
2	Boonville: Black River Canal.	Boonville: _____	5303	0.82				
3	Boonville: _____	Lewis County Line.	5307	1.38				
County total				8.60				
LEWIS COUNTY								
1	Oneida County Line	Talcottville	5327	2.60				
2	Talcottville	West Turin Town Line	5327	3.07				
3	Leyden Town Line	Turin: So. Corp. Line	5327	3.10				
4	Turin: So. Corp. Line	Turin: No. Corp. Line	5327	1.08				
5	Turin: No. Corp. Line	Martinsburg Town Line	5327	4.92				
6	Turin Town Line	Martinsburg	5077	3.08				
7	Martinsburg	Lowville: So. Corp. Line	5036	2.61				
8	Lowville: So. Corp. Line	Lowville: No. Corp. Line	5309	1.31				
9	Lowville: No. Corp. Line	Harrisburg Creek	5332	3.77				
10	Harrisburg Creek	Deer River	5332	6.87				
11	Deer River	W. Carthage: Jeff'n Co. Line	5332	2.69				
County total				35.00				
JEFFERSON COUNTY								
1	W. Carthage: Lewis Co. Line	W. Carthage: Black River	5332	1.12				
2	Carthage: Black River	Carthage: Church St.	5344	0.27				
3	Carthage: Church St.	Carthage: School St.	5402					0.07
4	Carthage: State St.	Cart.: N.Y.C.&H.R.R.R., So. R. R.	5344	0.28				
	Cart.: N.Y.C.&H.R.R.R., So. R. R.	Cart.: N.Y.C.&H.R.R.R., No. R. R.				0.20		
	Cart.: N.Y.C.&H.R.R.R., No. R. R.	Carthage: No. Corp. Line	5344	0.60				
4A	Carthage: No. Corp. Line	Deferiet: Black River Br.	428		4.87			
4B	Deferiet: Black River Br.	Felt Mills: Carthage Rd.	427		3.79			
4C	Felt Mills: Carthage Rd.	Cemetery Corner	5152	0.28				
4D	Cemetery Corner	Black River: E. Corp. L.	427		1.21			
5	Black River: E. Corp. Line	Parkinson Corner	5005	0.38				
6	Parkinson Corner	Browns Corner	5175	0.32				
6A	Browns Corner	Paper Mill Tracks	5005	0.71				
7	Paper Mill Tracks	Black River: West Side	5175	0.09				
7	Black River: West Side	Watertown: E. Corp. Line	5005	3.59				
8	Watertown: E. Corp. Line	Watert.: Black Riv. Br., No. R. R.	5530	0.39				
	Watert.: Black Riv. Br., No. R. R.	Watert.: Black Riv. Br., So. R. R.				0.09		
	Watert.: Black Riv. Br., So. R. R.	Watert.: R. R. Crossing, No. R. R.	5530	0.18				
	Watert.: R. R. Crossing, No. R. R.	Watert.: R. R. Crossing, So. R. R.						0.14
	Watert.: R. R. Crossing, So. R. R.	Watertown: State St.	5530	0.38				
5A	Watertown: Eastern Blvd.	Watertown: Colorado Ave.	1134		0.35			
9	Watertown: Colorado Ave.	Watertown: Bradley St.	City			2.00		
10	Watertown: Main St.	Watertown: No. Corp. L.	5140	0.80				
11	Watertown: No. Corp. L.	Brownville Town Line	5140	4.39				
12	Pamulia Town Line	Depauville	5267	8.41				
13	Depauville	Clayton: State St.	5206	7.31				
	Clayton: James St.	N.Y.C.: West Side	5304	0.20				
14	N.Y.C.: West Side	N.Y.C.: East Side	5304A	0.15				
	N.Y.C.: East Side	Alexandria Bay	5304	11.13				
(Note: R.R., built by Railroad Co.)								
Also:				41.12	10.22	2.39		0.21
13A	Clayton: State St.	Clayton: Water St.	5403	1.17				
	Clayton: James St.	Clayton: Webb St.						
	Clayton: Water St.	Clayton: State St.						
County total				42.29	10.22	2.29		0.21
Route totals				85.89	10.22	2.29		0.21

Total miles in Route No. 27..... 98.61

STATE ROUTE No. 28

Commencing at the city of Utica, Oneida county, running thence northwesterly to Rome, running thence northwesterly from Rome, by the way of Camden, to a point to be determined by the commission, on the dividing line between Oswego and Oneida counties, running thence northwesterly by the way of Parish to Union Square, Oswego county.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ONEIDA COUNTY								
0	Utica: Genesee St.	Utica: W. Corp. Line	City			1.70		
1	Utica: W. Corp. Line	Yorkville: Champlain Ave.	5091	0.28				
1A	Yorkville: Champlain Ave.	Yorkville:	City			0.27		
1B	Yorkville:	Yorkville: Sauquoit Creek	5091	0.80				
2	Whitesboro: Sauquoit Creek	Whitesboro: W. Corp. Line	5089	1.60				
3	Whitesboro: W. Corp. Line	Carey Corners	Rt. 25			*0.16	*0.70	
3A	Carey Corners	Floyd Town Line	296		3.22			
4	Marey Town Line	Rome Town Line	295		2.78			
4	Floyd Town Line	Rome: E. Corp. Line	560		2.42			
5	Rome: E. Corp. Line	Rome: Wood Creek	5131	0.28				
6	Rome: Wood Creek	Rome: Knox St.	City			1.90		
7	Rome: Knox St.	Rome: W. Corp. Line	5131	0.92				
8	Rome: W. Corp. Line	Lee Town Line	563		5.11			
9	Rome Town Line	Taberg	5139	4.69				
10	Taberg		5139	3.25				
11		Camden: Mad River	5461	3.43				
12	Camden: Mad River	Camden: W. Corp. Line	5640	1.27				
12-14	Camden: W. Corp. Line	Oswego County Line	5553	5.78				
County total				39.75	22.25	13.63	3.87	
OSWEGO COUNTY								
1	Oneida County Line	Amboy Center						3.90
2	Amboy Center							1.54
3		Salmon River	5638	3.06				
4	Salmon River	Roth Corner	5638	2.57				
5	Roth Corner	Colosse	5526	4.78				
6	Colosse	Union Square	5415	3.67				
County total				18.53	13.08			5.44
Route totals					35.33	13.63	3.87	5.44

* Not included in total.

Total miles in Route No. 28..... 58.27

STATE ROUTE No. 29

Commencing at Rome, running thence southwesterly to Oneida, being a point on the dividing line between Madison and Oneida counties.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ONEIDA COUNTY								
0	Rome: Dominick St.	Rome: Erie Canal	City			0.39		
1	Rome: Erie Canal	Rome: So. Corp. Line	1111		0.21			
2	Rome: So. Corp. Line	Rome Custodial Asylum	564		1.70			
3	Rome Custodial Asylum	West Moreland Town Line	5521	2.23				
4	Rome Town Line	Verona	5521	3.49				
5, 6	Verona	Oneida: E. C. L., Mad. C. L.	5558	4.68				
County total				12.70	10.40	1.91	0.39	
Route totals					10.40	1.91	0.39	

Total miles in Route No. 29..... 12.70

STATE ROUTE No. 30

Commencing at Rouses Point, in Clinton county, running thence westerly through the northern part of Clinton county, to a point to be determined by the commission, on the dividing line between Franklin and Clinton counties, running thence westerly by the way of Burke, Malone and Moira, to a point to be determined by the commission, on the dividing line between Saint Lawrence and Franklin counties, running thence westerly to Lawrenceville, running thence southerly to a point at or near Nicholville, running thence westerly and southwesterly by the ways of Potsdam, Canton and Gouverneur, to a point to be determined by the commission, on the dividing line between Jefferson and Saint Lawrence counties, running thence southwesterly by the way of Philadelphia to Watertown, running thence southerly from Watertown, by the way of Adams and Pierrepont Manor, to a point to be determined by the commission on the dividing line between Oswego and Jefferson counties, running thence southerly and southwesterly and westerly by the way of Pulaski and Union Square to Oswego, running thence southerly from Oswego by way of Hannibal to a point to be determined by the commission, on the dividing line between Cayuga and Oswego counties, running thence southwesterly through the northern part of Cayuga county to a point to be determined by the commission on the dividing line between Wayne and Cayuga counties, running thence southwesterly and westerly by the way of Red Creek, Wolcott, Alton, Sodus, Williamson and Ontario to a point to be determined by the commission on the dividing line between Monroe and Wayne counties, running thence southwesterly to the city of Rochester, running thence westerly from the city of Rochester by way of Spencerport, to a point to be determined by the commission, on the dividing line between Orleans and Monroe counties, running thence westerly to points at Albion and Medina, running thence northwesterly and northerly to Ridgway on the Ridge road; thence westerly along the Ridge road to Jeddor, Johnson Creek, Hartland Corners and Ridge Road Settlement; thence southwesterly to Wright's Corners; thence westerly through Warren's Corners and Cambria to a point two and five-tenths miles directly north of Pekin on the Ridge road; thence southerly along the Town Line road through Pekin to a point on the Saunders Settlement road to Sanborn; thence westerly and southwesterly along the Saunders Settlement road to Niagara Falls to connect with route number eighteen; continuing on the River road at the easterly city limits of the city of Niagara Falls and continuing along said river road to the northerly city limits of the city of North Tonawanda and thence southerly along said River road and Main street to the place of intersection of Island street in said city of North Tonawanda;

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
CLINTON COUNTY								
1	Rouses Pt.: Main St. (Rt. 22)	Rouses Point: W. Corp. L.	5228	0.55				
2	Rouses Point: W. Corp. L.	Champlain: E. Corp. L.	57		1.00			
3-4	Champlain: E. Corp. Line	Champlain: W. Corp. Line	136		1.75			1.80
5	Champlain: W. Corp. Line	Moorea Town Line						3.10
6-7	Champlain Town Line	Moorea Forks	5102	6.47				
8-9	Moorea Forks	Ellenburg Depot	5485	9.83				
10-12	Ellenburg Depot	Franklin County Line	5520	11.83				
County total				28.48	2.75			4.90
FRANKLIN COUNTY								
1, 2	Clinton County Line	Goodspeeds Farm	5468	4.66				
3	Goodspeeds Farm	Burke Center	5613				3.55	
4	Burke Center	Malone Town Line	5613				3.08	
5, 6	Constable Town Line	Malone: N. Y. C. R. R.	5613				3.73	
7	Malone: N. Y. C. R. R.	Malone: W. Corp. Line	5802				1.99	
8	Malone: W. Corp. Line	North Bangor	701		4.51			
9	North Bangor	French Farm	5031	3.00				
10, 11	French Farm	Moira: Railroad Crossing	5076	5.20				
12	Moira: Railroad Crossing	St. Lawrence County Line	5284	3.31				
County total				16.20	4.51		12.35	
ST. LAWRENCE COUNTY								
1-3	Franklin County Line	St. Regis River, Nicholville	5284	8.25				
4-7	St. Regis River, Nicholville	Potsdam: E. Corp. Line	5285	14.91				
8	Potsdam: E. Corp. Line	Potsdam: Lawrence Ave.	5308	1.15				
	Potsdam: Lawrence Ave.	Potsdam: Park St.				0.08		
	Potsdam: Park St.	Potsdam: Market St.	5308	0.20				
	Potsdam: Elm St.	Potsdam: Racquette River				0.14		
	Potsdam: Racquette River	Crowley Farm	5308	1.16				
9	Crowley Farm	Trout Brook	5032	5.00				
10	Trout Brook	Canton: Grasse River	5115	4.74				
11	Canton: Grasse River		5116	5.45				

STATE ROUTE No. 30 — Continued

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mile-age to be built
				State	County	Town or corporation		
ST. LAWRENCE COUNTY — Concluded								
12		Gouverneur: No. Corp. L.	5283	18.9				
13	Gouverneur: No. Corp. L.	Gouverneur: So. Corp. L.	5331	1.7				
14	Gouverneur: So. Corp. L.	Jefferson County Line.	5287	5.99				
County total.....			67.75	67.5		0.20		
JEFFERSON COUNTY								
1	St. Lawrence County Line.	Antwerp: Willow St.	5427	5.76				
2	Antwerp: Turnpike.	Philadelphia: No. Corp. L.	5548	5.96				
3	Philadelphia: No. Corp. L.	Philadelphia: So. Corp. L.	5548	1.25				
4	Philadelphia: So. Corp. L.	Bacon Corner	440		1.40			
5	Bacon Corner	Evans Mills: Noble St.	5617				5.03	
6	Evans Mills: Noble St.	Wood Corners.						2.08
7	Wood Corners.	Sanford Corners.						3.10
7A	Sanford Corners.	Parker Corners.						3.00
8	Parker Corners.	Mill St. Extension	563		0.65			
8A	Leroy St. Extension	Watertown: N. Corp. Line.						0.15
8B	Watertown: N. Corp. Line.	Watertown: Washington St.	City			1.41		
9	Watertown: Public Square.	Watertown: Chestnut St.	City			1.00		
10	Watertown: Chestnut St.	Watertown: So. Corp. Line.	City			0.85		
11	Watertown: So. Corp. Line.	Rice's Road.	5426	1.81				
12	Rice's Road	Adams Town Line.	5119	3.2				
13	Adams Town Line.	Adams Center.	425		3.16			
14	Adams Center.	Adams: Prospect St.	5269	3.5				
15	Adams: Prospect St.	Adams: Liberty St.	5269A					0.16
16	Adams: Liberty St.	Pierrepont Manor	5209	5.7				
17	Pierrepont Manor	James Corner.	5209B	3.26				
18	James Corner.	Mellen Farm.	5209C	0.4				
19	Mellen Farm.	Oswego County Line.	5269	0.89				
County total.....			53.93	31.91	5.21	3.26	5.03	8.49
OSWEGO COUNTY								
1, 2	Jefferson County Line.	Pulaski: No. Corp. Line.	5275	6.76				
3	Pulaski: No. Corp. Line.	Pulaski: Railroad Crossing.	5275	1.30				
4	Pulaski: Railroad Crossing.	Fernwood Crossroad.	5321	4.69				
5	Fernwood Crossroad.	Union Square.	5083	2.61				
6	Union Square.	New Haven Town Line.	5082	2.91				
7	New Haven Town Line.	Serila Town Line.	5044	3.49				
8	Serila Town Line.	Oswego: E. Corp. Line.	654		5.33			
9	New Haven Town Line.	Oswego: Bridge St.	509		5.40			
10	Oswego: E. Corp. Line.	Oswego: West 6th St.	5487	1.4				
11	Oswego: East 9th St.	Oswego: W. Corp. L.	City			0.95		
12	Oswego: West 6th St.	Fruit Valley.	5186	1.14				
13	Oswego: W. Corp. Line.	Southwest Oswego.	290		1.65			
14	Fruit Valley.	Kinney Corners.	5171	2.7				
15	Southwest Oswego.	Hannibal: No. Corp. Line.						3.20
16	Kinney Corners.	Hannibal: So. Corp. Line.						2.60
17	Hannibal: No. Corp. Line.	Cayuga County Line.						1.20
County total.....			44.47	26.4	12.3	0.95		8.60
CAYUGA COUNTY								
1	Oswego County Line.	Martville.						1.66
2	Martville.	Furnaceville.						3.00
3	Furnaceville.	Wayne County Line.						3.30
County total.....			7.96					7.96
WAYNE COUNTY								
1, 2	Cayuga County Line.	Huron Town Line.	5290	7.02				
3	Wolcott Town Line.	Resort: E. End of Bridge.	8903					3.21
4	Resort: E. End of Bridge.	Alton: Town Line.						1.97
5	Huron Town Line.	Wallington: N. Y. C. & H. R. R.						1.39
6	Wallington: N. Y. C. & H. R. R.	Sodus: Newark St.	5632				2.64	
7	Sodus: Newark St.	Williamson.	5632					3.21
8, 9	Williamson.		5451	5.94				

STATE ROUTE No. 30 — Continued

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
WAYNE COUNTY — Concluded								
10	Williamson	Teats Farm	5449	2.29				
11	Teats Farm	Ontario Center	5378	4.53				
12	Ontario Center	Monroe County Line	5127	3.44				
County total			36.14	23.22		5.85	7.07	
MONROE COUNTY								
1	Wayne County Line	Webster: North St.	101	2.88				
2	Webster: North St.	West Webster	100	3.40				
3	West Webster	Irondequoit Creek	99	2.98				
4	Irondequoit Creek	Rochester: Old E. Corp. Line	98	1.56				
5	Rochester: Old E. Corp. Line	Rochester: Main St.				5.70		
6	Rochester: Culver St.	Rochester: State St.						
7	Rochester: Main St.	Rochester: W. Corp. Line						
8	Rochester: W. Corp. Line	Barbitt's Corner	283	2.12				
9	Barbitt's Corner	Ogden Town Line	5529	3.85				
9A	Galen Town Line	Spencerport: Union St.	5529	2.71				
10	Spencerport: Lyell St.	Spencerport: Nichols St.	495		0.29			
10A	Spencerport: Union St.	Ogden Town Line	5539				3.83	
10B	Ogden Town Line	Lake Road	5539				3.48	
10C	Fourth Section Road	Brookport: So. Corp. Line	171		0.50			
10D	Brookport: So. Corp. Line	Brookport: State St.				0.65		
10E	Brookport: Erie St.	Brookport: Barge Canal	5581	0.14				
10F	Brookport: Erie St.	Brookport: Barge Canal	5581			0.25		
11	Brookport: Barge Canal	Brookport: Main St.	5425	3.26				
County total			37.07	9.45	13.71	6.60	7.81	
ORLEANS COUNTY								
1	Monroe County Line	Holley: W. Corp. Line	5421	2.40				
2	Holley: W. Corp. Line	Carpenters Corner	5026	2.46				
3	Carpenters Corner	Howard Corners	5118	2.34				
4	Howard Corners	Albion: E. Corp. Line	5422	3.43				
5	Albion: E. Corp. Line	Albion: W. Corp. Line	5445	1.84				
6-8	Albion: W. Corp. Line	Ridgeway Town Line	5466	5.23				
9-10	Albion Town Line	Medina: E. Corp. Line	5466	3.73				
11	Medina: E. Corp. Line	Medina: Commercial St.	5315	1.69				
12	Medina: Commercial St.	Medina: Ryan St.	5315A					0.13
	Medina: Ryan St.	Medina: Cemetery	5315	0.72				
	Medina Cemetery	Ridgeway	5423	2.27				
	Ridgeway	Niagara County Line	5423	3.76				
County total			29.86	29.74				0.13
NIAGARA COUNTY								
1, 2	Orleans County Line	Hartland	5431	5.92				
3, 4	Hartland	Wright's Corners	5319	6.63				
5	Wright's Corners	Warren's Corners	5416	3.97				
6	Warren's Corners	Cambris	5416	3.52				
7	Cambris	Pekin	5417	5.46				
8	Pekin	Sanborn	740		1.98			
9	Sanborn	Niagara Falls: E. Corp. Line	5305	7.95				
10	Niagara Falls: E. Corp. Line	Niagara Falls: Highland Ave.				0.43		
11	Niagara Falls: Highland Ave.	Niagara Falls: Portage St.				1.60		
12	Niagara Falls: Whirlpool Ave.	Niagara Falls: Portage St.				0.30		
13	Niagara Falls: Eleventh St.	Niagara Falls: Pine St., Rt. 18						
Also:			33.76	1.98	2.33			
14	Niagara Falls: E. Corp. Line	LaSalle: ——— St.						
15	LaSalle: ——— St.	LaSalle: ——— St.						
16	LaSalle: ——— St.	LaSalle: E. Corp. Line						3.13
17	LaSalle: E. Corp. Line	No. Tonawanda: W. Corp. L.						2.31
18	No. Tonawanda: W. Corp. L.	No. Tonawanda: ——— St.						
19	No. Tonawanda: ——— St.	No. Tonawanda: ——— St.						
20	No. Tonawanda: ——— St.	No. Tonawanda: Island St.						
County total			46.24	23.76	1.98	5.07		5.43
Route totals				268.81	40.54	16.08	20.84	42.87

Total miles in main line, Route No. 30..... 386.54

STATE ROUTE No. 30—Concluded

Spur Number One

Also continuing a spur from the point in Center street in the village of Medina where said route thirty as above described turns toward the north, and from said point in said village of Medina continuing said spur westerly along Center street and the country highway to and through the village of Middleport and thence westerly along the settlement and canal roads to and through Gasport and thence continuing southerly to McNalls Corners and thence continuing westerly along the Lewiston road to the city of Lockport, in Niagara county.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ORLEANS COUNTY								
1-01	Medina: Prospect St.	Medina: W. Corp. Line						0.70
1-02	Medina: W. Corp. Line	Niagara County Line						3.00
	County total		3.70					3.70
NIAGARA COUNTY								
1-01	Orleans County Line	Middleport: Telegraph Rd.	5560	1.32				
1-02	Middleport: Main St.	Griswold St.	1135		0.70			
1-03	Griswold St.	Gasport: Main St.	5561	4.40				
1-04	Gasport: State St.	McNalls	5562	2.33				
1-05	McNalls	Lockport: E. Corp. Line	5563	5.07				
1-06	Lockport: E. Corp. Line	Lockport: St.				0.84		
	County total		14.10	13.12	0.70	0.84		
	Spur totals			13.12	0.70	0.84		3.70
Total miles in Spur No. 1, Route No. 30								17.86

Spur Number Two

Also continuing a spur from the point in the Ridge road in the town of Ridgeway where said route thirty as above described turns toward the west, and from said point at said Ridgeway continuing said spur easterly along said Ridge road to the dividing line between Orleans and Monroe counties.

Amended by L. 1914, ch. 276.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ORLEANS COUNTY								
2-01	Ridgeway: Medina Road	Ridgeway: Lake Road	5556	0.17				
2-02	Ridgeway: Lake Road	West Gaines						4.80
2-03	West Gaines	Gaines						4.80
2-04	Gaines	East Gaines						4.80
2-05	East Gaines	Murray						4.80
2-06	Murray	Monroe County Line						2.00
Spur totals				0.17				21.10
				0.17				21.10
Total miles in Spur No. 2, Route No. 30								21.27
Total miles in Route No. 30								435.67

STATE ROUTE No. 30A

Commencing at the point mentioned in the description of route twenty-seven at or near Carthage, on the dividing line between Jefferson and Lewis counties, running thence northerly and northwesterly to Antwerp, in Jefferson county, terminating at and intersecting route thirty at or near Antwerp aforesaid.

Added by L. 1910, ch. 650.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
JEFFERSON COUNTY								
1A	Carthage: School St. (Rt. 27)	Carthage: No. Wash. St.	5402					0.28
1	Carthage: No. Wash. St.	Carthage: No. Corp. Line	5344	0.75				
2	Carthage: No. Corp. Line	Fargo	634		3.00			
3, 4	Fargo	North Wilna						4.67
5	North Wilna							3.88
6		Antwerp: So. Corp. Line	5618				3.50	
1	Antwerp: So. Corp. Line	Antwerp: Indian River	5618				0.46	
7	Antwerp: Indian River	Antw'p: Mechanic St. (Rt. 30)	5548	0.06				
				0.79	3.00		4.05	8.63
				0.79	3.00		4.05	8.63
	Route totals							

Total miles in Route No. 30A..... 16.5

STATE ROUTE No. 31

Commencing at Malone, Franklin county, running thence southerly by the way of a point at or near Duane and Meacham Lake to Saranac Junction.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
FRANKLIN COUNTY								
1, 2	Malone: West Main St.	Lake Titus	5552	8.78				
3	Lake Titus	Duane Town Line						3.32
4	Malone Town Line	Duane Center						4.28
5	Duane Center	Long Pond Inlet	9007			2.48		
6	Long Pond Inlet	Clear Pond	9007			3.73		
7	Clear Pond	Brighton Town Line	9007			3.22		
8	Duane Town Line	Forestmore Lake	9007			3.38		
9	Forestmore Lake	Mountain Pond	9007			2.62		
10	Mountain Pond	Paul Smith's						3.01
11	Paul Smith's	Upper St. Regis						2.60
12	Upper St. Regis	Saranac Junction						4.10
Route totals				8.78		15.43		17.30
				8.78		15.43		17.30

Total miles in Route No. 31..... 41.51

STATE ROUTE No. 32

Commencing at Lawrenceville in Saint Lawrence county, running thence northerly to North Lawrence, running thence westerly to Brasher Falls, running thence southwesterly to Winthrop, running thence northerly to Massena, running thence northerly on the Town Line road between the towns of Massena and Louisville to the Saint Lawrence river road, running thence westerly and southwesterly on the Saint Lawrence river road to the village of Waddington, running thence westerly and southwesterly on the roads known as the Sucker Brook and Van Rensselaer roads to the end of the boulevard at the corporation line of the city of Ogdensburg.

Amended by L. 1911, ch. 179.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ST. LAWRENCE COUNTY								
1	Lawrenceville	North Lawrence	5439	3.64				
2	North Lawrence	Winthrop	5509	5.81				
3	Winthrop	Munson Creek						1.81
4	Munson Creek	Norfolk Town Line						2.66
5	Stockholm Town Line	Kinier Corners						2.40
6	Kinier Corners	Massena						3.06
7	Massena	Massena: W. Corp. Line	5467	1.85				
8	Massena: W. Corp. Line	Louisville Town Line	521		0.60			
9	Louisville Road	Richards Landing	5536	2.76				
10	Richards Landing	Louisville Landing	5536	2.86				
11	Louisville Landing	Wilson Hill	5536	3.08				
12	Wilson Hill	Waddington Town Line	5612				4.63	
13	Louisville Town Line	Waddington: E. Corp. Line	5612				3.40	
14	Waddington: E. Corp. Line	Waddington: DeGross Ave.	5612				1.09	
15	Waddington: DeGross Ave.	Waddington: W. Corp. Line	5535	1.00				
16	Waddington: W. Corp. Line	Lisbon Town Line	5535	5.65				
17	Waddington Town Line	Red Mills Road	5497	6.33				
18	Red Mills Road	Tibbitts Creek	5497	3.46				
	Tibbitts Creek	Ogdensburg: Caroline St.	5288	3.49				
	Ogdensburg: Caroline St.	Ogdensburg: Catherine St.	City			0.23		
	Ogdensburg: Catherine St.	Ogdensburg: W. Corp. Line	5288	1.08				
				40.66	0.60		9.12	9.92
Route totals				40.66	0.60		9.12	9.92

Total miles in Route No. 32..... 60.30

STATE ROUTE No. 33

Commencing at Syracuse, running thence northerly to a point to be determined by the commission, on the dividing line between Oswego and Onondaga counties, running thence northerly by the way of Central Square to a point at or near Colosse on route number twenty-eight.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ONONDAGA COUNTY								
1	Syracuse: No. Corp. Line.....	North Syracuse.....	5470	4.11				
2	North Syracuse.....	Cicero.....	5470	2.57				
3	Cicero.....	Brewerton, Oswego Co. Line.....	5249	4.84				
County total.....			11.52	11.52				
OSWEGO COUNTY								
1	Onondaga County Line.....	Central Sq.: So. Corp. Line..	278		2.41			
2	Central Sq.: So. Corp. Line.....	Hastings.....	5250	7.00				
3	Hastings.....	Colosse, Rt. 28.....	5415	3.12				
County total.....			12.53	10.12	2.41			
Route totals.....				21.64	2.41			

Total miles in Route No. 33..... 24.05

STATE ROUTE No. 34

Commencing at the city of Oswego on the east side of the river, running thence by the way of Fulton through Phoenix to a point to be determined by the commission on the dividing line between Onondaga and Oswego counties, running thence by the way of Liverpool to Syracuse.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
OSWEGO COUNTY								
1	Oswego: Bridge St.	Oswego: So. Corp. Line	5382	2.40				
	Oswego: So. Corp. Line.	Bundy Crossing	5382	3.71				
	Bundy Crossing	Fulton: No. Corp. Line	5382	3.79				
	Fulton: No. Corp. Line.	Fulton: Oneida St.	5382	0.95				
1A	Fulton: Oneida St.	Fulton: Rochester St.	City			0.18		
2	Fulton: Rochester St.	Fulton: Broadway	5408	0.36				
2A	Fulton: Broadway	Fulton: First St. R. R.	City			0.68		
3	Fulton: First St. R. R.	Fulton: So. Corp. Line.	5251	0.77				
	Fulton: So. Corp. Line.	Schroepfel Town Line.	5251	3.48				
4	Volney Town Line.	Phoenix: No. Corp. Line.	5276	3.22				
	Phoenix: No. Corp. Line.	Phoenix: So. Corp. Line.	5276	1.52				
	Phoenix: So. Corp. Line.	Oneida River	5276	1.43				
	County total		22.49	21.63		0.86		
ONONDAGA COUNTY								
1	Oswego County Line	Liverpool: No. Corp. Line	5274	7.49				
2	Liverpool: No. Corp. Line.	Syracuse: No. Corp. Line.	5274	3.02				
3	Syracuse: No. Corp. Line.	Syracuse: Free St.	5477	0.70				
	County total		11.21	11.21				
	Route totals			32.48		0.86	0.36	
Total miles in Route No. 34				33.70				

STATE ROUTE No. 35

Commencing at a point to be determined by the commission on the dividing line between Nassau and Queens counties, running thence easterly through the northern portion of Nassau county to a point to be determined by the commission on the dividing line between Suffolk and Nassau counties, running thence easterly by the way of Jericho turnpike to Smithtown branch, Saint James, Port Jefferson and Wading River to Riverhead, running thence southerly to West Hampton running thence westerly by the way of south country road to Patchogue, Sayville, Islip, Bay Shore and Babylon to Amityville, running thence westerly to a point to be determined by the commission on the dividing line between Nassau and Suffolk counties, running thence westerly through the southern portion of Nassau county to a point to be determined by the commission on the dividing line between Queens and Nassau counties.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
NASSAU COUNTY								
1	N. Y. City: E. Corp. Line.	Lakeville.	5106	1.17				
1A	Lakeville.	District Road.	Town			0.06		
2	District Road.	Hyde Park Ave.	5280				0.07	
2A	Hyde Park Ave.	Manhasset Road.	Town			0.51		
3	Manhasset Road.	Roslyn Ave.	5051	1.06			1.50	
4	Roslyn Ave.	Riley Road.	5106	1.39				
5	Riley Road.	Ellison's Lane.	5505	0.51				
6	Ellison's Lane.	Morgan Road.	547		1.75			
7	Morgan Road.	Jericho-Greenvale Road.	5505	2.40				

STATE ROUTE No. 35—Concluded

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built	
				State	County	Town or corporation			
NASSAU COUNTY—Continued									
8	Jericho-Greenvale Road	Brookville						1.00	
8A	Brookville	East Norwich	Town			2.56			
9	East Norwich	Sandhill Road	898		1.17				
10	No. Hempstead Turnpike	Syosett	548		1.84				
11	Syosett	Woodbury						1.80	
12	Woodbury	Suffolk County Line	436		1.40				
(Continued below)									
SUFFOLK COUNTY									
1	Nassau County Line		5008	3.55					
2		Commack	5111	5.02					
3	Commack	Smithtown	5112	4.99					
4, 5	Smithtown	Port Jefferson	5232	11.58					
5A	Port Jefferson	Echo	912		1.40				
6	Echo	Miller Place						3.80	
7	Miller Place	Rocky Point						3.40	
8	Rocky Point	Wading River						4.10	
9	Wading River	Calverton Road						5.10	
10	Calverton Road	Centerville						3.30	
11	Centerville	Riverhead						4.20	
11A	Riverhead	Quogue Depot Road	694		3.04				
12	Old Riverhead Road	West Hampton						4.00	
13	West Hampton	Eastport						4.41	
14	Eastport	E. Moriches: Grade Crossing						2.33	
15	E. Moriches: Grade Crossing	Forge River						4.80	
16	Forge River	Bellport: E. Corp. Line	5488	7.02					
	Bellport: E. Corp. Line	Bellport: W. Corp. Line	5488	1.18					
	Bellport: W. Corp. Line	Patchogue: E. Corp. Line	5488	3.16					
17	Patchogue: E. Corp. Line	Patchogue: W. Corp. Line						6.78	
18	Patchogue: W. Corp. Line	Islip Town Line	5488	1.53					
19	Brookhaven Town Line	Connetquot River	5301	6.57					
20	Connetquot River	Bayshore: Clinton Ave.	5301	6.25					
21	Bayshore: Clinton Ave.	Babylon: E. Corp. Line	743		4.08				
22	Babylon: E. Corp. Line	Babylon: W. Corp. Line	5299	1.32					
23	Babylon: W. Corp. Line	Amityville: E. Corp. Line	693		3.32				
24	Amityville: E. Corp. Line	Nassau County Line	5300	1.04					
County total				105.77	53.21	12.34		40.22	
NASSAU COUNTY—Continued									
13	Suffolk County Line	Seaford	Town			3.20			
14	Seaford	Fresport: E. Corp. Line	Town			4.80			
15-17	Fresport: E. Corp. Line	Fresport: W. Corp. Line	Village			2.00			
18	Fresport: W. Corp. Line	Rockville Center: E. Corp. L.	Town			1.45			
19-21	Rockville Center: E. Corp. L.	Rockville Center: W. Corp. L.	Village			1.40			
22	Rockville Center: W. Corp. L.	Lynbrook: E. Corp. Line	Town			0.20			
23-25	Lynbrook: E. Corp. Line	Lynbrook: W. Corp. Line	Village			1.10			
26	Lynbrook: W. Corp. Line	N. Y. City: E. Corp. Line	Town			2.80			
County total				37.94	7.33	6.16	20.08	2.80	
Route totals					60.54	18.50	20.08	43.02	
Total miles in Route No. 35									143.71

STATE ROUTE No. 36

Commencing at Owego in Tioga county, running thence northerly to a point to be determined by the commission on the dividing line between Tompkins and Tioga counties, running thence northwesterly to the city of Ithaca, running thence northwesterly from the city of Ithaca to Trumansburg, at or near the dividing line between Seneca and Tompkins counties, running thence northwesterly and northerly by the way of Ovid to a point to be determined by the commission on route number six.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built	
				State	County	Town or corporation			
TIOGA COUNTY									
1	Owego: Park and Main Sts.	Owego: Temple St.	City			0.16			
2	Owego: Temple St.	Owego: No. Corp. Line.	5420	1.11					
3	Owego: No. Corp. Line.	Owego Creek	5420	0.52					
4	Owego Creek	Catsontk.	5471	2.83					
5	Catsontk.	Candor: So. Corp. Line.	5471	4.82					
6	Candor: So. Corp. Line.	Dry Brook	5471	1.43					
7	Dry Brook	Willseyville						4.70	
8	Willseyville	Tompkins County Line.						2.90	
County total.....				18.47	10.71	0.16		7.60	
TOMPKINS COUNTY									
1, 2	Tioga County Line.	Danby	5213	4.34					
3	Danby	Ithaca Town Line.	5122	3.24					
4	Danby Town Line.	Ithaca: So. Corp. Line.	5043	2.50					
5	Ithaca: So. Corp. Line.	Ithaca: State St.	City			0.60			
6	Ithaca: Aurora St.	Ithaca: Humboldt St.	City			1.00			
7	Ithaca: West State St.	Ithaca: No. Corp. Line.	5190	1.06					
8	Ithaca: No. Corp. Line.	Trumansburg: E. Corp. L.	616		8.66				
9	Trumansburg: E. Corp. L.	Seneca County Line.	5206	1.54					
County total.....				23.03	12.77	8.66	1.60		
SENECA COUNTY									
1	Tompkins County Line.	Interlaken: So. Corp. Line.	5446	5.80					
2	Interlaken: So. Corp. Line.	Interlaken: No. Corp. Line.	5446	0.70					
3	Interlaken: No. Corp. Line.	Scott Corners						3.60	
4	Scott Corners	Ovid: Main St.						3.40	
5	Ovid: So. Corp. Line.	Ovid: No. Corp. Line.	5282	0.80					
6	Ovid: No. Corp. Line.	Romulus	5282	6.08					
7	Romulus	Fayette	321		4.32				
8, 9	Fayette	Seneca Falls: So. Corp. L.	320		5.74				
10	Seneca Falls: So. Corp. L.	Seneca F's: Cayuga St. (Rt. 6)	5100	0.92					
County total.....				31.36	14.30	10.06		7.00	
Route totals.....					37.78	18.72	1.76	14.60	
Total miles in Route No. 36.....									72.86

STATE ROUTE No. 37

Commencing at a point on route twenty-six at Dolgeville, running thence easterly along the old state road by way of Oppenheim, Lasellville, *Garoga and Rockwood to the city of Johnstown. in Fulton county, running thence easterly by way of West Perth to Perth Center, thence in a northerly direction to Broadalbin by way of Vail Mills, thence easterly through Mills Corners to a point to be determined by the commission on the dividing line between Saratoga and Fulton counties, thence easterly through Whiteside Corners, Greens Corners, Mosherville, East Galway, Rock City Falls, and North Milton to Saratoga Springs, connecting there with route number twenty-five.

Amended by L. 1912, ch. 475.

Section number	FROM	TO	Highway number	MILES COMPLETED			con- tract	Approximate miles to be built
				State	County	Town or cor- poration		
FULTON COUNTY								
1	Dolgeville (Rt. 26)	Oppenheim	5626					4.00
2	Oppenheim	Lasellville						5.18
3	Lasellville	Christmans						2.78
4, 5	Christmans	Red School House	5554	4.58				
6	Red School House	Warren Creek	247		3.18			
7	Warren Creek	Johnstown: W. Corp. L.	100		2.30			
8	Johnstown: W. Corp. Line	Johnstown: Main St.	City			0.87		
9	Johnstown: William St.	Johnstown: Fon Clair St.	City			0.44		
10	Johnstown: Fon Clair St.	Johnstown: E. Corp. Line	City			0.52		
11	Johnstown: E. Corp. Line	West Perth						4.80
12	West Perth	Perth						4.20
13	Perth	Mayfield Town Line	240		0.75			
14	Perth Town Line	Broadalbin: Bridge St.	543		3.07			
15	Broadalbin: Main St.	Saratoga County Line						4.90
County total..... 42.17				4.58	9.30	1.83		26.46
SARATOGA COUNTY								
1	Fulton County Line	Carpentier Corners						3.31
2	Carpentier Corners	East Galway						3.80
3	East Galway	Rock City Falls						3.80
4	Rock City Falls	North Milton						2.70
5	North Milton	Saratoga Spgs.: W. Corp. L.						4.20
6	Saratoga Spgs.: W. Corp. L.	Saratoga Spgs.: ——— St.	City			0.70		
7	Saratoga Spgs.: ——— St.	Saratoga Spgs.: Route No. 25	City			0.30		
County total..... 18.80						1.00		17.80
Route totals.....				4.58	9.30	2.83		44.26
Total miles in Route No. 37..... 60.97								

*So in original.

STATE ROUTE No. 37A

Beginning at the village of Ballston Spa, on route twenty-five, running thence westerly along the town line road between the towns of Ballston and Milton, through Tibbetts Corners, Harmony Corners and Pettita Corners to Scotch church, and thence northerly through Galway village, connecting with route thirty-seven at General Carpenter mansion.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
SARATOGA COUNTY								
1	Ballston Spa: Low St. (Rt. 25)	Ballston Spa: Ballston Ave.	5592	.....	.....	.....	.....	0.34
2	Ballston Spa: Ballston Ave.	Tibbetts Corners	5534	4.95	.....	.....	.....	.....
3	Tibbetts Corners	Scotch Church	5542	4.51	.....	.....	.....	.....
4	Scotch Church	Galway	.....	.....	.....	.....	.....	.....
	Galway	Carpenter Corners (Rt. 37)	.....	.....	.....	.....	.....	.....
Route totals				9.40	.....	.....	.....	6.89

Total miles in Route No. 37A..... 16.38

STATE ROUTE No. 37B

Beginning at the hamlet of Malta, in the town of Malta, Saratoga county, and running thence westerly to East Line; thence northwesterly to Corps Corners; thence northerly through V Corners to the village of Ballston Spa.

Amended by L. 1912, ch. 542.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
SARATOGA COUNTY								
1, 2	Malta.....	State Route No. 25.....	5519	3.88				

Total miles in Route No. 37B..... 3.88

STATE ROUTE No. 38

Commencing at such point in or near the village of Schoharie, in the county of Schoharie, in the line of route number seven as the commission may determine; running thence southerly through the towns of Schoharie, Middleburg, Fulton, Blenheim, Gilboa and Conesville to, and intersecting route number five, at a point to be determined by the commission.

Added by L. 1909, ch. 504.

Section number	FROM	TO	Highway number	MILES COMPLETED			con- tract	Approximate mile- age to be built
				State	County	Town or cor- poration		
SCHOHARIE COUNTY								
1	Vrooman (Rt. 7)	Schoharie: Railroad Ave.	5444	1.00				
2	Schoharie: Railroad Ave.	Schoharie: Bridge St.	5404	0.70				
3	Schoharie: Bridge St.	Middleburg: Schoharie Creek.	5444	4.53				
4	Middleburg: Schoharie Creek.	Fulton Town Line.	5577				0.76	
5	Middleburg: Town Line.	Fultonham.	5577				4.00	
6	Fultonham.	Breakabeen.	5577				3.19	
7	Breakabeen.	North Blenheim.						3.90
8	North Blenheim.	Gilboa Town Line.						4.40
9	Blenheim Town Line.	Gilboa.						3.50
10	Gilboa.	Greene County Line.						3.10
County total. 29.13				6.25			7.95	14.90
GREENE COUNTY								
1	Schoharie County Line.	Delaware County Line.						0.50
		(Continued below)						
DELAWARE COUNTY								
4	Greene County Line.	Greene County Line.						1.20
		(Continued below)						
GREENE COUNTY — Continued								
2	Delaware County Line.	Prattsville (Rt. 5A)						1.50
	Prattsville.	Delaware County Line.	Rt. 5A		0.80			
County total. 2.00								2.00
DELAWARE COUNTY — Continued								
	Greene County Line.	Grand Gorge (Rt. 5)	5527	3.90				
County total. 5.10				3.90				1.20
Route totals.				10.15			7.95	18.10

Total miles in Route No. 38 36.23

* Not included in total.

STATE ROUTE No. 38A

Commencing at the village of Cobleskill, Schoharie county, upon State Route 7, and running thence northwesterly, or westerly and northerly, along a course to be determined by the Commission to Sharon Springs, connecting thereat with an improved stone road leading northerly from Sharon Springs.

Added by L. 1912, ch. 179.

Section number	FROM	TO	Highway number	Miles Completed			Miles under contract	Approximate miles to be built
				State	County	Town or corporation		
SCHOHARIE COUNTY								
1	Cobleskill: Main St. (Rt. 7) ..	Cobleskill: No. Corp. Line ..						1.00
2	Cobleskill: No. Corp. Line ..	Carlisle Town Line ..						2.20
3	Cobleskill Town Line ..	Sharon ..						80
4	Sharon ..	Sharon Springs ..	5569	4.70				
		Route totals ..		4.70				7.00
				Total miles in Route No. 38A ..				
				11.70				

STATE ROUTE No. 39

Commencing at a point on route twenty-five in the county of Saratoga at or near Ballston lake; thence southwesterly to a point to be determined by the commission on the dividing line between the counties of Saratoga and Schoenectady; thence southwesterly to a point at or near the city of Schoenectady connecting with route six.

Added by L. 1910, ch. 649.

Section number	FROM	TO	Highway number	Miles Completed			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
SARATOGA COUNTY								
1	Ballston Lake Hamlet (Rt.25)	Schenectady County Line...	5281	1.77				
SCHENECTADY COUNTY								
1	Saratoga County Line.....	Scotia: No. Corp. Line.....	5314	5.45				
2	Scotia: No. Corp. Line.....	Scotia: Mohawk Ave. (Rt. 6).	5496	0.90				
				6.35				
				8.12				
		Route totals.....						
Total miles in Route No. 39.....								8.12

STATE ROUTE No. 39A

Commencing at a point to be determined by the commission on route nine, running thence northerly through the hamlet of Sullivanville, running thence through Bacon Hollow to a point to be determined by the commission on the dividing line between Chemung and Schuyler counties, running thence in a general easterly direction to a point to be determined by the commission on the dividing line between Schuyler and Tompkins counties, running thence northeasterly through Pony Hollow and the village of Newfield to connect with route thirty-six.

Amended by L. 1911, ch. 531.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under contract	Approximate mileage to be built	
				State	County	Town or corporation			
CHEMUNG COUNTY									
1	Stermer's Corners, Route 9	Newtown Creek	5432				4.34		
2	Newtown Creek	Schuyler County Line	5432				3.52		
	County total		7.86				7.86		
SCHUYLER COUNTY									
1	Chemung County Line	Decker's Corners	5432				1.12		
2	Decker's Corners	Tompkins County Line	5474	1.31					
	County total		2.43	1.31			1.12		
TOMPKINS COUNTY									
1, 2	Schuyler County Line	Newfield: W. Corp. Line	5474	6.26					
3	Newfield: W. Corp. Line	W. Danby Road, Rt. 9	5211	4.52					
	Newfield Road	Ithaca: State St., Rt. 36	Rt. 9	*0.57	*3.06	*0.60			
	County total		10.78	10.78					
	Route totals			12.09			8.98		
Total miles in Route No. 39A									21.07

* Not included in total.

STATE ROUTE No. 39B

Commencing at a point on route number three at or near the village of Nyaack, in Rockland county, running thence westerly and northerly through Rockland county, by way of Suffern, to a point to be determined by the commission on the dividing line between Rockland and Orange counties; thence through Orange county to a point to be determined by the commission on route number four.

Amended by L. 1911, ch. 662.

Section number	FROM	TO	Highway number	Miles Completed			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
ROCKLAND COUNTY								
1	Nyaack: Midland Ave. (Rt. 3)	Nyaack: W. Corp. Line	Village			0.23		
2	Nyaack: W. Corp. Line	Knappe Corners	5178	2.20				
2A	Knappe Corners	Nanuet Road	689		2.27			
3	Nanuet Road	Dyke's Crossing	5504	0.39				
3A	Dyke's Crossing	Spring Valley: E. Corp. Line	689		1.26			
4	Spring Valley: E. Corp. L.	Spring Valley: W. Corp. L.	5423	1.00				
4A	Spring Valley: W. Corp. L.	Tallman	9000			2.30		
4B	Tallman	Suffern: E. Corp. Line	9000			1.80		
5	Suffern: E. Corp. Line	Suffern: _____ St.	Village			0.50		
	Suffern: _____ St.	Suffern: Orange Ave.						0.59
6	Suffern: Spring Valley Road	Suffern: No. Corp. Line	5388	0.44				
6A	Hillburn: So. Corp. Line	Hillburn: No. Corp. Line	5388	1.05				
7	Hillburn: No. Corp. Line	Orange County Line	91		3.90			
				5.08	7.43	4.83		0.59
Also:								
6	Suffern: Spring Valley Rd.	New Jersey State Line	5388	0.66				
		County total	18.59	5.74	7.43	4.83		0.59
ORANGE COUNTY								
1	Rockland County Line	Indian Kill Brook			0.63			2.30
2	Indian Kill Brook	Arden	416					2.30
3	Arden	Newburg Junction						1.70
5	Newburg Junction	Harriman	115		0.70			
6	Harriman	Harriman, Route No. 4						0.50
		County total	10.13		1.33			8.80
		Route totals		5.74	8.76	4.83		9.39
Total miles in Route No. 39B								28.72

STATE ROUTE No. 41

Beginning on the dividing line between the city and county of New York and the town of Pelham in the county of Westchester, running thence northeasterly along the Shore road in the town of Pelham to the city of New Rochelle, and from the city of New Rochelle along the Boston post road through the towns of Mamaroneck and Rye to the Connecticut boundary line; and also beginning on the said dividing line between the city of New York and the town of Pelham and running thence northerly along the Boston post road through the town of Pelham to the city of New Rochelle.

Amended by L. 1911, ch. 395.

Section number	FROM	TO	Highway number	Miles Completed			con- tract	Approximate mil- age to be built
				State	County	Town or cor- poration		
WESTCHESTER COUNTY								
1A	N. Y. City Line.....	Pelham Manor: W. Corp. L.	5374	0.18				
1A	Pelham Manor: W. Corp. L.	Pelham Manor: E. Corp. L.	5375	1.02				
1A	Pelham Manor: E. Corp. L.	New Rochelle: W. Corp. L.	5374	0.02				
1A	New Rochelle: W. Corp. L.	New Rochelle: Franklin Ave.	City			1.50		
1	New Rochelle: Franklin Ave.	New Rochelle: E. Corp. Line.	City			0.90		
2	New Rochelle: E. Corp. Line.	Larchmont: W. Corp. Line.....	5372	0.22				
3	Larchmont: W. Corp. Line.....	Larchmont: E. Corp. Line.....	5371	0.95				
2A	Larchmont: E. Corp. Line.....	Mamaroneck: W. Corp. Line.....	5372	0.51				
4A	Mamaroneck: W. Corp. Line.....	Mamaroneck: Fennimore Rd.	5376	0.65				
4B	Mamaroneck: Fennimore Rd.	Mamaroneck: Barry Ave.....	Village			0.72		
4C	Mamaroneck: Barry Ave.....	Mamaroneck: No. Corp. L.	5376	0.64				
5A	Rye: So. Corp. Line.....	Rye: Blind Creek Bridge.....	5373	2.08				
5B	Rye: Blind Creek Bridge.....	Rye: Milton Plains Road.....						0.51
5C	Rye: Milton Plains Road.....	Rye: No. Corp. Line.....	5373	0.77				
6	Rye: No. Corp. Line.....	Connecticut State Line.....	Village			2.00		
				7.04		5.12		0.51
Also:								
1B	N. Y. City Line.....	New Rochelle: W. Corp. L.	5375	0.32				
1B	New Rochelle: W. Corp. L.	Sec. No. 1A, at Main St.....	City			2.10		
				0.32		2.10		
Route totals.....				7.36		7.22		0.51

Total miles in Route No. 41..... 15.10

STATE ROUTE No. 42

Division No. 2

Beginning at the city of Schenectady at trunk line six and extending thence southeasterly along the following highways: Troy-Schenectady, section number one; Troy-Schenectady, section number two; Troy-Schenectady, section number three; Troy-Schenectady, section number four; Watervliet-Nineteenth street; thence along Nineteenth street to and across the bridge at the Troy and West Troy Bridge Company to Congress street in the city of Troy; thence easterly along Congress street to Pawling avenue; thence along Pawling avenue to Pinewoods avenue; thence along Pinewoods avenue to Eagle Mills connecting with Brunswick-Turnpike number two hundred and twenty-seven; thence to Quackenkill, Grafton and Petersburg, to a point on the state line of Massachusetts, to be determined by the commission.

Amended by L. 1914, ch. 376.

Section number	FROM	TO	Highway number	Miles COMPLETED			Miles under contract	Approximate mileage to be built
				State	County	Town or corporation		
SCHENECTADY COUNTY								
1	Schenect'y: Wash'n St.(Rt.6)	Schenectady: E. Corp. Line...	City			2.30		
2	Schenectady: E. City Line...				2.00			
3		Albany County Line.....	407		3.03			
		County total.....			5.03	2.30		
ALBANY COUNTY								
1	Schenectady County Line...	Latham's Corners.....	604		3.88			
2	Latham's Corners.....	Watervliet: W. City Line.....	630		2.24			
3	Watervliet: W. City Line.....	D. & H. R. R. Crossing.....	956		0.46			
4	D. & H. R. R. Crossing.....	Congress St. Bridge.....	City			0.60		
		County total.....			6.58	0.60		
RENSSELAER COUNTY								
1	Congress St. Bridge.....	Troy: Pawling Ave.	City			1.20		
	Troy: Congress St.	Troy: Finewoods Ave.	City			0.40		
	Troy: Pawling Ave.	Troy: Old E. City Line.....	City			0.60		
2	Troy: Old E. City Line.....	Troy: New E. City Line.....	City			0.80		
	Troy: New E. City Line.....	Eagle Mills: Poestenkill Cr.						8.00
3	Eagle Mills: Poestenkill Cr.	Eagle Mills Road.....	227		0.19			
	Eagle Mills Road.....	Chums Corners.....	631		2.25			
4	Chums Corners.....	Quackenkill Bridge.....	197		1.73			
5	Quackenkill Bridge.....	Grafton.....	5222	5.93				
6	Grafton.....	Petersburg.....	5478	6.34				
7	Petersburg.....	Massachusetts State Line.....						5.01
				12.27	4.17	2.50		8.01
Also:								
1	Troy: Old City Line	Troy: New City Line.....	5310	0.95				
		County total.....		13.22	4.17	2.50		8.01
		Route totals.....		13.22	15.78	5.40		8.01
Total miles in Route No. 42.....								42.41

STATE ROUTE No. 43

Beginning at Main street in the village of Mount Morris, running thence southwesterly along what is known as the state road to the village of Nunda, in Livingston county, thence along what is known as the Oakland-Portage road to Portage bridge and Letchworth park.

Amended by L. 1911, ch. 166.

Section number	FROM	TO	Highway number	Miles COMPLETED			Miles under construction	Approximate mileage to be built
				State	County	Town or corporation		
LIVINGSTON COUNTY								
1	Mt. Morris: Main St.	Mt. Morris: W. Corp. Line	5370	0.77				
	Mt. Morris: W. Corp. Line	Ridge	5370	3.39				
	Ridge	Guyles Corners	5370	2.76				
2	Guyles Corners	Nunda: No. Corp. Line	5371	3.60				
	Nunda: No. Corp. Line	Nunda: W. Corp. Line	5371	0.77				
	Nunda: W. Corp. Line	Oakland	5371	1.13				
3	Oakland	Portage	5372	4.36				
Route totals				16.68				
				16.68				
Total miles in Route No. 43								16.68

STATE ROUTE No. 43*

Commencing at a point at or near the village of Stillwater in Saratoga county, running thence northerly and northwesterly through Bemis Heights and the Saratoga battlefield to Quaker Springs, running thence northerly and northeasterly through Victory Mills, thence to Schuylerville by way of Creamery Hill to Broad street; thence northerly to Spring street; and thence westerly until it connects with county highway number two hundred and forty-four.

Amended by L. 1911, ch. 259.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under construction	Approximate mileage to be built
				State	County	Town or corporation		
SARATOGA COUNTY								
1	Stillwater: So. Corp. Line	Stillwater: No. Corp. Line	5312	1.30				
2	Stillwater: No. Corp. Line	Saratoga Town Line	5305	5.38				
3	Stillwater Town Line	Quaker Springs	5320	1.90				
	Quaker Springs	Victory Mills: So. Corp. L.	5320	4.61				
	Victory Mills: So. Corp. L.	Schuylerville: So. Corp. L.	5320	1.11				
4	Victory Mills: No. Corp. L.	Schuylerville: W. Corp. L.	5377	1.08				
				15.23				
				15.23				

* So in original.

STATE ROUTE No. 45

Commencing at a point on route twelve in the village of Watkins and running thence easterly and thence northerly on the east shore of Seneca lake through the hamlets of Hector and North Hector to a point on the dividing line of Schuyler and Seneca counties, thence northeasterly through the hamlet of Caywood to the village of Lodi and thence easterly to the village of Interlaken, connecting with route thirty-six.

Amended by L. 1912, ch. 57.

Section number	FROM	TO	Highway number	Miles Completed			Miles under contract	Approximate mileage to be built	
				State	County	Town or corporation			
SCHUYLER COUNTY									
1	Watkins: Franklin St. (Rt. 12)	Cliff Corners	5295	1.80					
2	Cliff Corners	Howell's Corners						4.00	
3	Howell's Corners	Hector						3.00	
4	Hector	Seneca County Line						3.00	
County total				12.20	1.80			10.00	
SENECA COUNTY									
1	Schuyler County Line	Caywood						1.80	
2	Caywood	Lodi						4.20	
3	Lodi	Interlaken: W. Corp. Line	5589	4.61					
4	Interlaken: W. Corp. Line	Interlaken: Main St. (Rt. 36)	5589	0.40					
County total				11.01	5.01			6.00	
Route totals					6.81			16.00	
Total miles in Route No. 45									22.31

STATE ROUTE No. 46

Commencing at a point on route number fourteen at or near Coopers Plains in Steuben county and running thence northerly to a point on the dividing line of Steuben and Schuyler counties; thence northeasterly through the village of Monterey and easterly by the valley road through the hamlet of Townsend; thence northeasterly following Old Forks picnic ground road to the village of Watkins, connecting with route number twelve; thence southerly on route twelve to its intersection with route number forty-five; thence along said route forty-five to a point about one and one-half miles from the village of Burdett; thence northeasterly to the village of Burdett; thence easterly and northeasterly through Bennettsburg to Reynoldsville; thence southeasterly to Meeklenburg; thence northeasterly to Perry City; thence to a point on the dividing line between Schuyler and Tompkins counties; thence northeasterly to the village of Trumansburg, connecting with route number thirty-six.

Amended by L. 1911, ch. 320.

Section number	FROM	TO	Highway number	MILES COMPLETED			Miles under construction	Approximate mileage to be built	
				State	County	Town or corporation			
STEBUEN COUNTY									
1	Cooper's Plains (Rt. 14).....	East Campbell.....						3.13	
2	East Campbell.....	Schuyler County Line.....						3.83	
	County total.....		6.96					6.96	
SCHUYLER COUNTY									
1	Steuben County Line.....	Monterey.....						3.76	
2	Monterey.....	Townsend: Dix Town Line.....						6.40	
3	Townsend: Orange Town L.....	Watkins: So. Corp. Line.....	5557				5.61		
4	Watkins: So. Corp. Line.....	Watkins: Franklin St. (Rt. 12).....	5557				0.42		
	Watkins: Corning St.....	Cliff Corners.....	Rt. 12 Rt. 45	*1.96					
5	Cliff Corners (Rt. 45).....	Bennettsburg.....	5295	2.78				0.77	
5A	Bennettsburg.....	Reynoldsville.....						4.40	
6	Reynoldsville.....	Meeklenburg.....						4.20	
7	Meeklenburg.....	Perry City.....						3.30	
8	Perry City.....	Tompkins County Line.....	5575	0.80					
	County total.....		32.38	3.58			6.03	22.77	
TOMPKINS COUNTY									
1	Schuyler County Line.....	Trumansburg: Main St. (Rt. 36).....	5575	3.32					
	Route totals.....			3.32					
				6.90			6.80	28.96	
Total miles in Route No. 46.....									42.66

* Not included in total.

APPENDIX D

TABLE

ARRANGED BY YEAR OF CONTRACT

SHOWING ALL

STATE AND COUNTY HIGHWAYS

UNDER CONTRACT DURING 1918

[539]

CONTRACTS ACCEPTED DURING 1918

Highway No.	Div. No.	County	Total mile- age	Type mileages					Miscellaneous	
				W. B.	Bit. mac.	Brick	F. Con.	Type	Miles	
CONTRACTS OF 1911										
749 ¹	9	Niagara.....	10.30	.....	10.30	.....	.....	.....	.....	.....
			10.30	.....	10.30	.....	.....	.....	.....	.....
CONTRACTS OF 1914										
468.....	4	Herkimer.....	5.55	5.55	.....	.....	.....	.....	.....	.....
1189.....	8	Tompkins.....	6.34	6.34	.....	.....	.....	.....	.....	.....
1198 ²	2	Albany.....	.....	.....	.....	.....	.....	.....	.....	.....
5510 ¹	5	Sullivan.....	8.18	.....	8.18	.....	.....	.....	.....	.....
5514.....	4	Hamilton.....	6.98	6.98	.....	.....	.....	.....	.....	.....
5518.....	8	Allegany.....	4.75	.....	.....	.....	4.75	.....	.....	.....
			31.80	18.87	8.18	.....	4.75	.....	.....	.....
CONTRACTS OF 1915										
410 ³	4	Montgomery.....	.....	.....	.....	.....	.....	.....	.....	.....
449 ¹	1	Orange.....	3.17	3.17	.....	.....	.....	.....	.....	.....
1054 ²	7	Genesee.....	.....	.....	.....	.....	.....	.....	.....	.....
1073.....	6	Onondaga.....	4.86	.....	4.70	.....	0.16	.....	.....	.....
1162 ²	1	Dutchess.....	.....	.....	.....	.....	.....	.....	.....	.....
1227 ³	3	Jefferson.....	.....	.....	.....	.....	.....	.....	.....	.....
1242 ¹	1	Greene.....	4.43	.....	4.43	.....	.....	.....	.....	.....
1250.....	3	Franklin.....	5.59	.....	5.50	.....	.....	.....	.....	.....
1280.....	2	Albany.....	5.76	5.76	.....	.....	.....	.....	.....	.....
1307.....	1	Westchester.....	1.89	.....	1.89	.....	.....	.....	.....	.....
1308 ²	1	Westchester.....	.....	.....	.....	.....	.....	.....	.....	.....
1309 ²	1	Westchester.....	.....	.....	.....	.....	.....	.....	.....	.....
1311.....	8	Chemung.....	6.87	6.87	.....	.....	.....	.....	.....	.....
1322.....	8	Allegany.....	7.29	.....	7.29	.....	.....	.....	.....	.....
1329 ²	1	Orange.....	.....	.....	.....	.....	.....	.....	.....	.....
5510A ¹	5	Sullivan.....	0.43	.....	0.43	.....	.....	.....	.....	.....
5559.....	4	Herkimer and Oneida.....	8.89	8.89	.....	.....	.....	.....	.....	.....
5575.....	8	Schuyler and Tompkins....	4.12	4.12	.....	.....	.....	.....	.....	.....
5586 ⁴	4	Madison.....	3.05	3.05	.....	.....	.....	.....	.....	.....
5594.....	2	Clinton.....	3.79	3.79	.....	.....	.....	.....	.....	.....
5596.....	9	Chautauqua....	0.79	.....	.....	0.79	.....	.....	.....	.....
			60.74	35.65	24.24	0.79	0.16	.....	.....	.....
CONTRACTS OF 1916										
1054 ¹	7	Genesee.....	3.88	3.88	.....	.....	.....	.....	.....	.....
1060.....	6	Wayne.....	6.41	6.41	.....	.....	.....	.....	.....	.....
1162.....	1	Dutchess.....	5.16	5.16	.....	.....	.....	.....	.....	.....
1308.....	1	Westchester.....	2.15	.....	2.15	.....	.....	.....	.....	.....

¹ Contract forfeited. Completed by department forces.² See 1916 contracts.³ See 1917 contracts.⁴ Total mileage 7.91. Portion accepted under the Hewitt Act.⁵ Accepted by special agreement January 2, 1916. Official order delayed.

CONTRACTS ACCEPTED DURING 1918—*Concluded*

Highway No.	Div. No.	County	Total mile- age	Type mileages					Miscellaneous	
				W. B.	Bit. mac.	Brick	F. Con.			
								Type	Miles	
CONTRACTS OF 1916— <i>Concluded</i>										
1309 ¹	1	Westchester.....	6.63	.....	6.63	.....	.....	.....	.....	.....
1329.....	1	Orange.....	3.70	.....	.....	0.17	3.53	.....	.....	.....
1334B ⁴	9	Erie.....	0.61	.....	.....	.....	0.61	.....	.....	.....
1341.....	1	Westchester.....	0.35	.....	0.35	.....	.....	.....	.....	.....
1357.....	4	Oneida.....	4.88	488	.....	.....	.....	.....	.....	.....
1364.....	1	Greene.....	6.02	.....	6.02	.....	.....	.....	.....	.....
1369.....	6	Cortland.....	2.00	2.00	.....	.....	.....	.....	.....	.....
1375.....	4	Fulton.....	1.10	.....	1.10	.....	.....	.....	.....	.....
1377.....	4	Fulton.....	3.74	3.74	.....	.....	.....	.....	.....	.....
1378.....	8	Chemung.....	4.14	1.48	1.47	1.19	.....	.....	.....	.....
1398.....	2	Clinton.....	10.46	.....	10.46	.....	.....	.....	.....	.....
1402 ¹	7	Genesee.....	4.99	4.99	.....	.....	.....	.....	.....	.....
1405 ¹	2	Albany.....	.....	.....	.....	.....	.....	.....	.....	.....
1417.....	1	Ulster.....	3.11	.....	3.11	.....	.....	.....	.....	.....
1422.....	2	Rensselaer.....	4.87	4.87	.....	.....	.....	.....	.....	.....
1430.....	7	Orleans.....	1.32	.....	.....	1.08	.....	St. Blk.....	0.24	.....
1436.....	2	Washington.....	1.43	0.55	.....	0.88	.....	.....	.....	.....
1437.....	2	Washington.....	4.58	4.58	.....	.....	.....	.....	.....	.....
1443.....	9	Erie.....	5.09	5.09	.....	.....	.....	.....	.....	.....
1444.....	9	Erie.....	3.75	3.75	.....	.....	.....	.....	.....	.....
5563 ¹	9	Niagara.....	5.07	.....	.....	0.34	4.73	.....	.....	.....
5582 ¹	7	Genesee.....	4.53	4.53	.....	.....	.....	.....	.....	.....
5598.....	2	Saratoga.....	1.10	.....	.....	1.10	.....	.....	.....	.....
5601 ¹	1	Ulster.....	.....	.....	.....	.....	.....	.....	.....	.....
5611.....	8	Steuben.....	5.75	5.75	.....	.....	.....	.....	.....	.....
5624.....	5	Otsego.....	1.04	.....	.....	.....	.....	M. M.—2	1.04	.....
5631.....	4	Herkimer.....	0.71	.....	.....	.....	.....	Bitu.....	0.71	.....
			<u>106.57</u>	<u>61.66</u>	<u>31.29</u>	<u>4.76</u>	<u>8.87</u>	.....	.....	<u>1.99</u>
CONTRACTS OF 1917										
410 ¹	4	Montgomery.....	7.10	7.10	.....	.....	.....	.....	.....	.....
1059.....	6	Wayne.....	1.88	1.88	.....	.....	.....	.....	.....	.....
1227.....	3	Jefferson.....	4.60	.....	.....	.....	4.60	.....	.....	.....
1405.....	2	Albany.....	2.93	2.93	.....	.....	.....	.....	.....	.....
1486.....	5	Broome.....	2.78	2.01	0.77	.....	.....	.....	.....	.....
1487.....	5	Broome.....	4.08	.....	4.08	.....	.....	.....	.....	.....
1488.....	2	Clinton.....	5.95	.....	5.95	.....	.....	.....	.....	.....
1490.....	3	Lewis.....	5.37	.....	5.37	.....	.....	.....	.....	.....
1492.....	9	Erie.....	2.90	2.90	.....	.....	.....	.....	.....	.....
1502.....	1	Rockland.....	0.24	.....	0.24	.....	.....	.....	.....	.....
5601 ¹	1	Ulster.....	1.85	.....	.....	1.03	0.82	.....	.....	.....
5606 ¹	1	Westchester.....	2.74	.....	.....	.....	.....	M. M.—2	2.74	.....
5629.....	1	Columbia.....	5.02	.....	5.02	.....	.....	.....	.....	.....
5638.....	6	Oswego.....	5.63	.....	5.63	.....	.....	.....	.....	.....
5640.....	4	Oneida.....	1.27	.....	.....	.....	0.57	Bitu.....	0.70	.....
			<u>54.34</u>	<u>16.82</u>	<u>27.06</u>	<u>1.03</u>	<u>5.99</u>	.....	.....	<u>3.44</u>

¹ Contract forfeited. Completed by department forces.² See 1917 contracts.³ Total mileage 1.12. Portion accepted under the Hewitt act.⁴ Total mileage 7.60. Portion accepted under the Hewitt act.⁵ Total mileage 7.91. Portion accepted under the Hewitt act.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED, DECEMBER 31, 1918

DECEMBER 31, 1918

Highway No.	Div. No.	County	Contractor	Date of contract	Total miles.	Type mileage				Contract price plus or minus special agreements	Per cent completed Dec. 31, 1918
						W. B.	Bit. mac.	Miscellaneous			
								F. Con.	Type			Miles
CONTRACTS OF 1911											
763 ¹	1	Columbia	General Construction Co.	April 4	.....	.....	.....	.....	.....	.....	.....
924 ²	9	Erie	Busch & Percival	June 23	.....	.....	.....	.....	.....	.....	.....
					=====	=====	=====	=====	=====	=====	
CONTRACTS OF 1914											
986 ³	5	Sullivan	Bridgeport Construction Co.	Nov. 4	.....	.....	.....	.....	.....	.....	.....
1208 ⁴	1	Suffolk	Eastern Asphalt Paving Co.	July 29	.....	.....	.....	.....	.....	.....	1
5334-A	8	Schuy. & Yates	John W. Gurnett	July 9	7.85	.....	.....	S. Con.	7.85	92,396 00	97
5432 ⁵	8	Chemung and Schuyler	Peter F. Connolly Co.	May 15	.....	.....	.....	.....	.....	.....	.....
			One 1914 contract, totalling...		7.85	.....	.....	.....	7.85	.....
					=====	=====	=====	=====	=====	=====	
CONTRACTS OF 1915											
512	4	Montgomery	Routley & Summers	Nov. 12	4.56	.....	.....	.....	.....	29,528 00	95
603	1	Ulster	Armstrong & Trowbridge	Oct. 29	10.24	.....	.....	.....	.....	82,936 37	84
986 ⁶	5	Sullivan	Fulton Engineering Co., Inc. (as- signed to William Oppenheim)	Feb. 23	.....	.....	.....	.....	.....	.....	.....
1026 ⁷	9	Chautauqua	Thomas Mahoney	May 10	3.99	.....	.....	.....	3.99	96,461 00	73

¹ Contract forfeited and road now being completed by department forces.² Contract forfeited. See 1915 contracts.³ Contract forfeited. See 1916 contracts.⁴ See 1916 contracts.⁵ Forfeited. See 1917 contracts.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — Continued

Highway No.	Div. No.	County	Contractor	Date of contract	Total mileage	Type mileage			Contract price plus or minus special agreements	Per cent completed Dec. 31, 1918
						W. B. mac.	Brick	F. Con.		
CONTRACTS OF 1915 — Continued										
1072.....	6	Onondaga.....	Phelan & Sullivan.....	June 18 3.96.....	3.06.....	.....	.....	.....	53,796 50	59
1088.....	7	Wyoming.....	Frank M. Foote.....	July 19 1.53.....	.....	0.50.....	.....	.....	23,464 00	94
1098 ¹	4	Hamilton.....	John F. Lewis.....	June 17.....	.....	.....	.....	.....	.....	10
1100.....	4	Hamilton.....	Galway & Co.....	June 17 4.54.....	4.54.....	.....	.....	.....	43,720 50	95
1109 ¹	2	Washington.....	William L. Sherrill.....	Sept. 1.....	.....	.....	.....	.....	.....	82
1163 ¹	1	Dutchess.....	Ruddy & Saunders Construction Co.	Sept. 2.....	.....	.....	.....	.....	.....	9
1228.....	2	Warren.....	D. L. Anderson (assigned to Kingsbury Construction Co.).....	July 20 5.13.....	5.13.....	.....	.....	.....	69,707 75	71
1252.....	3	Franklin.....	Spuyten-Duyvil Construction Co.....	May 12 11.41.....	11.41.....	.....	.....	.....	104,999 00	48
1254.....	9	Cattaraugus.....	H. J. Grathwol.....	May 12 4.43.....	.....	4.43.....	.....	.....	52,694 10	93
1258 ¹	4	Hamilton.....	Highway Engineering Co., Inc.....	May 13 5.01.....	5.01.....	.....	.....	.....	65,316 01	53
1267 ¹	7	Wyoming.....	Fred E. Gross & Son.....	July 23 6.99.....	6.99.....	.....	.....	.....	67,300 00	33
1272.....	5	Delaware.....	B. J. Anderson.....	May 24 5.84.....	5.84.....	.....	.....	.....	63,898 00	73
1274.....	1	Suffolk.....	Town of Southampton.....	June 12 10.50.....	10.50.....	.....	.....	.....	113,068 50	94
1278 ¹	7	Ontario.....	Hovey Benedict.....	May 25 8.63.....	8.63.....	.....	.....	.....	57,256 50	79
1300 ¹	3	Lewis.....	Fred E. Gross & Son.....	July 22.....	.....	.....	.....	.....	76,244 00	7
1302 ¹	5	Otego.....	J. A. Cullin.....	July 19.....	.....	.....	.....	.....	.....	13
1306.....	1	Westchester.....	The Pierson Engineering and Construction Co.....	Aug. 31 5.72.....	5.72.....	5.59.....	.....	.....	906,010 75	77
1312 ¹	1	Dutchess.....	Ruddy-Saunders Construction Co.....	Sept. 2.....	.....	.....	.....	.....	.....	10
1313.....	1	Dutchess.....	A. C. Sternberg, Jr.....	Aug. 25 6.86.....	6.86.....	.....	.....	.....	64,341 05	68
1315 ¹	9	Niagara.....	Joseph Brunner (assigned to Cheektowaga Construction Corporation).....	Sept. 2.....	.....	.....	.....	.....	.....	41
1317.....	6	Cayuga.....	Brayer Bros.....	Nov. 18 8.06.....	3.51.....	2.68.....	1.07.....	.....	123,708 85	93
1321 ¹	7	Livingston.....	Albert Gafney.....	Aug. 31.....	.....	.....	.....	.....	100,840 00	20
1327.....	6	Cayuga.....	John H. Gordon.....	Oct. 29 6.06.....	6.06.....	.....	.....	.....	52,010 90	41
1332 ¹	1	Columbia.....	Marks Kearney.....	Oct. 30.....	.....	.....	.....	.....	.....	22

9	Erie.....	Stanley Construction Co.....	Dec. 3	9.14	9.14	.....	.....	.....	141,828 00	24
9	Erie.....	Langan Construction Corporation.....	Nov. 1	.....	.....	.....	.....	.....	.....	.....
9	Erie.....	George Nellans.....	Dec. 10	5.19	5.19	.....	.....	.....	66,250 50	34
1	Nassau.....	Ulrich & Pensicano.....	July 20	.....	.....	.....	.....	.....	.....	10
8	Chemung and Schuyler.....	Ford Bros.....	June 9	8.98	8.98	.....	.....	.....	89,686 90	88
1	Orange.....	John L. Hayes Construction Co.....	July 13	4.03	4.03	.....	.....	.....	273,736 70	70
7	Monroe.....	Newport Construction Co.....	Sept. 28	7.31	7.31	.....	.....	.....	69,481 10	67
9	Cattaraugus.....	Austin W. Summers.....	Mar. 29	6.98	6.98	.....	.....	.....	107,700 00	46
9	Cattaraugus.....	D. D. Dugan & Sons.....	May 24	6.88	.....	0.99	5.89	.....	132,687 50	60
2	Schenectady.....	The Curran Corporation.....	May 14	.....	.....	.....	.....	.....	.....	.....
4	Ononda.....	Langan Construction Corporation.....	Nov. 1	.....	.....	.....	.....	.....	.....	23
8	Schuyler.....	James T. Moore.....	July 24	6.03	6.03	.....	.....	.....	61,507 00	45
1	Westchester.....	Fagnani & Marra.....	July 16	.....	.....	.....	.....	.....	.....	47
1	Orange.....	Frank Nordone & Louis Petrillo.....	Aug. 6	1.17	1.17	.....	.....	.....	13,341 90	.....
6	Schoharie.....	Weed & Walsh.....	Aug. 31	7.95	7.95	.....	.....	.....	91,046 50	65
4	Herkimer.....	Newport Construction Co.....	Aug. 30	6.55	6.55	.....	.....	.....	63,077 00	90
1	Greene.....	Catakill Construction Co.....	Aug. 31	4.77	4.77	.....	.....	.....	43,833 50	68
5	Chenango and Madison.....	Conroy & Nixdorf.....	Aug. 25	6.18	6.18	.....	.....	.....	47,814 75	44
4	Madison.....	Conroy & Nixdorf.....	Aug. 30	4.86	4.86	.....	.....	.....	65,491 50	.....
1	Greene.....	James M. Hamilton & Co.....	Aug. 31	3.95	3.95	.....	.....	.....	98,639 25	50
7	Livingston.....	James Anderson.....	Oct. 29	7.69	7.69	.....	.....	.....	63,063 00	4
4	Ononda.....	Routley & Summers.....	Nov. 12	5.34	5.34	.....	.....	.....	51,591 50	7
<hr/>										
35 1915 contracts, totalling.....										
215.50 116.58 62.80 6.55 27.80 1.77										

CONTRACTS OF 1916

490 ¹	Orange.....	Frank Salvucci.....	June 12	9.18	9.18	.....	.....	.....	\$101,370 50	13
513 ¹	Montgomery.....	Carl G. Snyder.....	Oct. 31	2.49	2.49	.....	.....	.....	21,793 00	60
515 ¹	Montgomery.....	Adirondack Construction Co.....	Nov. 2	1.61	1.61	.....	.....	.....	18,107 00	28

¹ Forfeited. See 1916 contracts. ² Relet in 1916 as 1334-A and 1334-B. ³ Forfeited. See 1917 contracts. ⁴ Forfeited. Being completed by department forces. ⁵ Total length 7.91 miles. Portion accepted under the Hewitt Act. ⁶ Suspended under the Hewitt Act.

TABLE SHOWING STATUS OF [ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — Continued

Highway No.	Div. No.	County	Contractor	Date of contract	Total mileage	Type mileage			Contract price plus or minus special agreements	Per cent completed Dec. 31, 1918
						W. B.	Bit. mac.	Brit. Con.		
CONTRACTS OF 1916 — (Continued)										
620 ¹	4	Fulton	Brady-Oltarsh Construction Co.	July 11	5.13	5.13	.....	.....	\$10,044 01	....
621	4	Fulton	Coudy & Darling	Oct. 28	2.90	2.90	.....	.....	29,970 50	49
763	1	Columbia	John A. Jova, Inc.	Nov. 17	7.14	.....	7.14	.....	43,804 92	8
773 ¹	9	Niagara	Cold Spring Construction Co.	Aug. 24	2.38	2.38	.....	.....	25,443 00	....
800 ¹	9	Niagara	Rich Construction Co., Inc.	June 9	7.79	0.09	.....	7.70	111,403 00	13
924-A ¹	9	Erie	William F. Felton	Aug. 26	6.63	3.53	.....	2.50	62,120 25	51
986	5	Sullivan	Frank D. Van Horn (assigned to Chester D. Marace)	Aug. 23	10.97	10.97	.....	.....	34,126 44	93
1027	9	Chautauque	Town of Mina	July 21	4.33	.....	4.33	.....	61,472 00	88
1058	6	Wayne	Steuben Construction Co.	July 14	2.25	2.25	.....	.....	14,960 10	20
1078	8	Tioga	Lane Construction Corporation	Aug. 18	6.00	5.73	0.27	.....	68,043 75	80
1098 ¹	4	Hamilton	R. A. Kelton	Aug. 11	4.22	4.22	.....	.....	35,020 46	42
1109	2	Washington	Lynden Contracting Corporation	Aug. 11	2.06	2.06	.....	.....	10,061 70	82
1117	2	Saratoga	William G. Fox	July 11	6.10	.....	6.10	.....	79,304 50	51
1163 ¹	1	Dutchess	William J. Kidd, (assigned to Fulton Engineering Co., Inc.)	June 6	6.18	6.18	.....	.....	74,775 71	88
1255	3	Jefferson	Henry P. Burgard	June 12	14.05	.....	14.05	.....	145,895 50	38
1256	3	Jefferson	Henry P. Burgard Co.	Oct. 30	7.76	.....	7.76	.....	79,831 45	16
1302	5	Otsego	Frank D. Van Horn, (assigned to W. C. Flannery)	June 27	12.66	12.66	.....	.....	116,765 12	35
1312	1	Dutchess	William J. Kidd	June 6	6.81	.....	6.81	.....	87,685 00	68
1321 ¹	7	Livingston	Fred J. Kinney Contracting Co.	Oct. 31	8.24	8.34	.....	.....	84,061 00	18
1334-A	9	Erie	Carlisle O. Landel	Aug. 25	3.18	1.85	.....	1.33	43,807 00	....
1334-B ¹	9	Erie	Arthur J. Shaw, Jr., & George Perrin	Aug. 24	0.51	.....	0.51	.....	38,029 00	55
1342 ¹	1	Nassau	Thomas O'Hern & Co.	July 17	5.24	.....	0.49	4.75	84,480 20	20
1343 ¹	1	Nassau	Rush Contracting Co.	July 27	3.09	.....	.....	3.09	34,192 50	8

1344.....	1	Nassau.....	Joseph Capek, Inc.	Aug. 22	3.38	.....	.....	.....	44,007 00	22
1345.....	2	Saratoga.....	Irvine & Barry	April 26	5.74	.....	.....	.....	59,874 75	81
1346.....	4	Herkimer.....	Dale Engineering Co.	July 13	5.10	.....	.....	.....	66,449 80	...
1348.....	1	Greene.....	E. S. Sickles.....	June 9	3.98	.....	.....	.....	41,765 90	22
1349.....	7	Wyoming.....	F. J. Munn Contracting Co.	June 6	4.73	.....	.....	.....	48,309 10	70
1351.....	7	Livingston.....	Atlanta Construction Co.	Oct. 28	0.83	.....	.....	.....	34,766 00	89
1352.....	8	Yates.....	Atlanta Construction Co.	June 10	9.63	.....	.....	.....	89,424 50	56
1354.....	6	Onondaga.....	Frank Malone.....	July 17	5.55	.....	.....	.....	66,780 00	8
1358.....	4	Oneida.....	J. G. Hayes & Co., Inc.	June 8	8.26	.....	.....	.....	60,772 25	68
1360.....	4	Madison.....	C. W. Tryon.....	July 11	6.54	.....	.....	.....	64,672 75	26
1361.....	4	Madison.....	John R. Burrell.....	July 14	.....	.....	.....	.....	.....	10
1373.....	1	Ulster.....	Philip Kramer.....	July 18	2.73	.....	.....	.....	39,651 20	52
1379.....	9	Chautauqua.....	John Johnson Construction Co.	Aug. 22	0.74	.....	.....	.....	36,320 50	48
1380.....	9	Chautauqua.....	Fulton Engineering Co., Inc.	July 17	5.65	.....	.....	.....	123,132 30	...
1381.....	9	Chautauqua.....	William Felton.....	Oct. 31	3.90	.....	.....	.....	49,807 50	11
1388.....	3	St. Lawrence.....	Spellman-Oliver Co.	July 18	11.16	.....	.....	.....	99,239 00	53
1390.....	7	Monroe.....	Rocco Construction Co., Inc.	July 12	2.92	.....	.....	.....	36,955 00	44
1391.....	7	Monroe.....	William H. Madden.....	July 14	7.93	.....	.....	.....	66,373 00	5
1393.....	7	Monroe.....	L. H. Brotsch.....	July 17	5.27	.....	.....	.....	62,500 00	4
1394.....	5	Chenango.....	Paddelford & King.....	July 14	7.09	.....	.....	.....	90,429 50	39
1400.....	6	Seneca.....	J. W. Brennan.....	Aug. 21	4.89	.....	.....	.....	56,908 50	...
1401.....	6	Seneca.....	Hovey E. Benedict.....	Sept. 25	2.13	.....	.....	.....	23,186 45	...
1402.....	7	Genesee.....	Cold Springs Construction Co.	July 24	2.61	.....	.....	.....	75,837 00	62
1403.....	7	Genesee.....	Michael Ripton.....	July 21	7.94	.....	.....	.....	90,091 50	38
1407.....	6	Wayne.....	Dana W. Robbins.....	July 15	3.97	.....	.....	.....	31,350 00	22
1408.....	5	Otego.....	Newport Construction Co.	Aug. 19	8.13	.....	.....	.....	86,649 50	6
1409.....	5	Otego.....	J. L. Richmond.....	July 17	7.87	.....	.....	.....	124,673 00	70
1414.....	6	Cayuga.....	Frank Malone.....	Aug. 21	5.45	.....	MM-2....	0.72	72,209 45	...
1415.....	7	Ontario.....	Chambers & Barnes.....	Aug. 16	3.95	.....	.....	.....	40,219 50	93
1419.....	1	Ulster.....	George H. McEvoy.....	Aug. 21	3.17	.....	.....	.....	41,271 90	17
1420.....	8	Schuyler.....	Willis L. Frost.....	Nov. 2	3.01	.....	.....	.....	30,909 00	80

¹ Contract forfeited. Being completed by department forces.

² Contract forfeited. See 1917 contract.

³ Contract forfeited.

⁴ Total length 1.12 miles.

⁵ 0.61 miles accepted under Hewitt Act.

⁶ Suspended under the Hewitt Act.

⁷ Total length 7.60 miles 4.99 accepted under the Hewitt Act.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — Continued

Highway No.	Div. No.	County	Contractor	Date of contract	Total mileage	Type			Contract price plus or minus special agreements	Per cent completed Dec. 31, 1918
						W. B. mac.	Brick	F. Con.		
CONTRACTS OF 1916 — Continued										
1421.....	2	Rensselaer.....	Martin Murray.....	Aug. 16	7.20	.....	.....	.....	90,664 00	51
1425.....	2	Rensselaer.....	John T. O'Neil.....	Nov. 24	2.97	2.97	.....	.....	37,520 00	58
1428.....	6	Oswego.....	Samuel Bonn.....	Aug. 22	6.36	.....	6.36	.....	74,840 65	33
1431.....	8	Tompkins.....	Fort Schuyler Construction Co., Inc.	Aug. 22	3.38	3.38	.....	.....	42,845 80	2
1433.....	8	Tompkins.....	Dana W. Robbins, Inc.	Aug. 24	5.86	5.01	0.69	0.16	86,956 20	22
1435 ¹	6	Cortland.....	Michael O'Brien.....	Aug. 22	6.07	6.07	.....	.....	73,747 50	11
1438.....	2	Washington.....	Gifford Construction Co.....	Aug. 21	6.98	6.98	.....	.....	98,217 00	4
1439.....	5	Delaware.....	Hovey E. Benedict.....	Sept. 25	6.51	.....	6.51	.....	89,961 00	11
1440.....	5	Delaware.....	Brady-Oltarsh Construction Co., Inc.	Aug. 21	3.39	.....	3.39	.....	46,330 00	.....
1441.....	5	Delaware.....	Brady-Oltarsh Construction Co., Inc.	Aug. 21	4.31	.....	4.31	.....	70,380 50	.....
1451 ¹	5	Broome.....	T. H. Gill Co.....	Aug. 21	4.70	.....	4.70	.....	52,486 50	35
1452 ¹	8	Tioga.....	Dana W. Robbins.....	Aug. 21	5.50	5.50	.....	.....	72,025 50	45
1454.....	1	Schenectady.....	Albany Construction Co.....	Aug. 18	6.33	6.33	.....	.....	74,500 50	35
1457 ¹	1	Westchester.....	Smith Bros. Contracting Co.....	Sept. 28	4.62	.....	4.62	.....	65,206 10	42
1460.....	2	Saratoga.....	J. J. Guinan Contracting Co.....	Oct. 28	6.74	.....	6.74	.....	105,791 50	98
1463.....	5	Sullivan.....	Armstrong & Trowbridge.....	Oct. 28	5.63	.....	5.63	.....	64,697 00	4
1466.....	7	Monroe.....	Ribstein-Holter Co., Inc.....	Oct. 31	6.33	6.33	.....	.....	70,815 00	41
1469.....	9	Chautauque.....	William Felton.....	Oct. 31	4.94	.....	.....	0.42	85,094 00	39
1473.....	5	Chenango.....	Peddelford & King.....	Oct. 31	3.06	.....	3.06	.....	43,184 50	21
1474.....	8	Steuben.....	Atlanta Construction Co.....	Oct. 28	4.99	4.99	.....	.....	46,151 26	.....
1475.....	8	Steuben.....	Atlanta Construction Co.....	Oct. 28	6.00	6.00	.....	.....	69,320 01	.....
1476.....	8	Steuben.....	Atlanta Construction Co.....	Oct. 28	4.00	4.00	.....	.....	49,405 51	.....
1478.....	5	Sullivan.....	Jackson Bros.....	Nov. 28	4.01	.....	4.01	.....	47,808 00	.....
5545 ¹	2	Schenectady.....	Green & Miller.....	Sept. 26	5.62	5.62	.....	.....	49,600 15	27
5580.....	1	Dutchess.....	John De Michiel & Bro.....	June 10	6.97	.....	6.97	.....	86,477 50	32
5687 ¹	6	Onondaga.....	M. J. Gleason Co.....	April 21	5.12	.....	0.37	4.75	86,404 79	56
5699-A ¹	1	Ulster.....	H. K. Corbin & Co., Inc.....	June 8	.....	.....	.....	.....	61,360 00	66

5602.....	3	Franklin.....	Arthur F. McConville.....	Aug. 21	1.99	....	1.53	0.46	....	....	....	67,120 75	72
5607.....	9	Cattaraugus.....	Vedder Construction Co.....	Nov. 1	4.73	....	....	....	4.73	....	....	72,798 00	5
5608.....	9	Cattaraugus.....	Vedder Construction Co.....	Nov. 1	2.17	....	....	....	2.17	....	....	33,179 90	27
5609.....	6	Cayuga.....	Charles O. McComb.....	July 15	3.89	....	....	....	3.89	....	....	49,378 50	72
5610.....	6	Cayuga.....	Sullivan Construction Co.....	July 11	4.39	0.63	....	....	3.76	....	....	86,325 00	24
5612.....	3	St. Lawrence.....	H. P. Burgard.....	Oct. 30	9.12	....	2.18	....	6.94	....	....	139,810 70	84
5613.....	3	Franklin.....	W. T. Thayer & Co.....	Aug. 22	10.36	....	10.36	....	....	....	....	124,417 40	73
5615.....	8	Allegany.....	Frank J. Foote.....	Aug. 21	9.07	....	....	....	....	....	....	111,063 00	16
5617.....	3	Jefferson.....	Pathfinder Construction Co., Inc.....	Aug. 21	5.03	....	5.03	....	....	....	....	60,247 60	98
5619 ¹	3	Jefferson.....	P. J. Kennedy.....	Aug. 21	4.05	....	3.84	0.21	....	....	....	59,638 00	63
5622 ⁴	9	Erie.....	Harper & Higginson.....	Nov. 2	5.19	....	....	....	5.19	....	....	108,950 00	1
5623 ¹	5	Chemango.....	A. B. Haight.....	Sept. 25	1.30	1.30	....	....	....	....	....	21,329 40	93
5628.....	1	Dutchess.....	A. T. Moran.....	Nov. 24	6.79	....	6.79	....	....	....	....	79,279 25	5
5632.....	6	Wayne.....	Harradine Bros. Co.....	Oct. 28	5.85	....	....	....	5.85	....	....	81,816 40	93
5636 ⁴	2	Albany.....	Belmar Contracting Co.....	Nov. 24	3.93	....	....	....	3.93	....	....	59,853 90	....
97 1916 contracts, totalling										519.32	244.39	154.06	5.47	114.68
										0.72			

CONTRACTS OF 1917

1171.....	5	Chemango.....	Paddelford & King.....	July 1	7.12	7.12	....	....	....	....	....	78,446 45	22
1208 ³	1	Suffolk.....	Robert W. Smith Corporation.....	Aug. 7	9.57	....	....	....	9.57	....	....	173,051 80	30
1300 ³	3	Lewis.....	Dale Engineering Co.....	Aug. 10	8.82	....	8.82	....	....	....	....	118,975 50	20
1313 ³	9	Niagara.....	Elmer J. Latus.....	Sept. 24	8.00	....	....	....	8.00	....	....	62,560 35	....
1332 ³	1	Columbia.....	Raymond A. Kelton.....	May 29	7.77	....	7.77	....	....	....	....	50,546 02	....
1361 ³	4	Madison.....	Greylock Construction Co.....	Aug. 2	5.65	5.65	....	....	....	....	....	49,292 59	23
1389.....	3	St. Lawrence.....	Henry P. Burgard.....	Feb. 27	4.60	....	....	....	4.60	....	....	71,869 25	....
1396.....	1	Nassau.....	H. J. Mullen Contracting Co.....	Feb. 24	2.99	....	....	....	....	....	....	114,209 10	69
1447.....	9	Erie.....	Roseney Contracting Corporation.....	May 9	4.50	2.06	....	....	1.84	....	....	74,402 25	98
1449.....	5	Broome.....	Louis Mayerohn.....	April 17	5.35	....	5.35	....	....	....	....	71,302 00	6
1450 ⁴	5	Broome.....	T. H. Gill & Co.....	Feb. 27	6.93	....	6.93	....	....	....	....	108,695 72	8
1464.....	1	Ulster.....	Conway Bros. & Kennedy.....	May 9	1.80	0.27	1.53	....	....	....	....	28,724 48	90
1484.....	3	Jefferson.....	Ross Brothers.....	May 21	0.66	....	0.66	....	....	....	....	12,037 90	99
1491 ³	9	Erie.....	H. E. Rainer.....	Feb. 26	2.97	2.97	....	....	....	....	....	35,490 60	61

¹ Forfeited. Being completed by department forces.² See previous years.³ Forfeited. See 1918 contracts.⁴ Forfeited.⁵ Suspended under Hewitt Act.⁶ Bridge piers.

TABLE SHOWING STATUS OF ALL HIGHWAY CONSTRUCTION CONTRACTS WHICH HAVE NOT BEEN ACCEPTED,
DECEMBER 31, 1918 — *Concluded*

Highway No.	Div. No.	County	Contractor	Date of contract	Total miles	Type mileage					Contract price plus or minus special agreements	Per cent com- pleted Dec. 31, 1918	
						W. B.	Bit. mac.	Brick	Miscellaneous				
									F. Con.	Type			Miles
CONTRACTS OF 1917 — <i>Concluded</i>													
1493 ¹	9	Erie	Cold Spring Construction Co.	Feb. 26	3.02	3.02	....	....	....	....	36,633 55	....
1499	7	Monroe	Michael H. Ripton	Feb. 24	4.56	3.28	....	....	1.28	....	78,618 50	25
1500 ¹	6	Cortland	S. P. Hull	Feb. 23	2.33	2.33	....	....	....	....	36,361 00	25
1506	6	Onondaga	Dale Engineering Co.	May 9	5.52	5.52	....	....	....	....	64,444 55	95
5290 ¹	1	Nassau	James McAvoy	Aug. 2	1.57	....	....	....	1.57	....	37,504 05	24
5547 ²	4	Onondaga	Wm. P. McDonald Construction Co.	Sept. 25	0.70	....	....	....	MM-2	0.70	20,732 74	23
5571 ³	1	Westchester	Leo T. Welch	Aug. 1	4.29	1.05	3.24	....	....	....	29,277 50	55
5604	4	Onondaga	Harry W. Roberts & Co.	Aug. 2	1.03	....	....	0.71	Bitu	0.34	47,765 50	90
22 1917 contracts, totalling						96.77	33.87	34.30	....	27.59	....	....
CONTRACTS OF 1918													
1312 ¹	1	Dutchess	S. B. Van Wagonen	Aug. 20	6.81	....	6.81	....	....	....	104,735 10	....
1348 ²	1	Greene	Joseph Walker	Aug. 16	3.98	3.98	....	....	....	....	63,347 00	....
1435 ²	6	Cortland	Michael O'Brien	April 22	6.07	6.07	....	....	....	....	64,717 30	....
5571 ¹	1	Westchester	Giorgia & Troisi	Oct. 2	4.20	1.05	3.24	....	....	....	63,556 10	....
5590	9	Niagara	John Johnson Const. Co.	April 22	0.61	....	0.05	0.56	....	....	30,747 10	99
5618 ³	3	Jefferson	Greylock Const. Co.	April 22	4.05	....	3.84	0.21	....	....	40,737 09	....

¹Contract forfeited. Being completed by department forces.

²See previous years.

³Suspended under the Hewitt Act.

⁴Forfeited. Re: 1917 contract.

APPENDIX E

TABLE

SHOWING ALL

STATE AND COUNTY HIGHWAYS

WHICH HAVE BEEN ASSIGNED HIGHWAY NUMBERS
AND WHICH ARE NOW AWAITING CONTRACT

DECEMBER 31, 1918

[551]

COUNTY HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918

Highway number	Name	County	Estimated cost	Miles	Type
104*	Downsville.....	Delaware.....	\$14,700 00	4.20	.....
396*	Bristol Valley, Part 2.....	Ontario.....	57,600 00	6.68	.....
404*	Bristol Valley, Part 3.....	Ontario.....	14,700 00	2.00	.....
422*	Bearville—Beechford—Mt. Pleasant.....	Ulster.....	88,775 00	6.83	.....
470*	Mohawk—Jordanville.....	Herkimer.....	.....	4.33	.....
473*	Little Falls—Jacksonburg.....	Herkimer.....	31,000 00	3.03	.....
496.....	Brookport—Holley, Part 1.....	Monroe.....	18,500 00	2.26	.....
500*	Cedar Hill Cemetery; Unionville—New Jersey Line; New Hampton—Denton; Greenwood Lake—Tuxedo Road.....	Orange.....	54,900 00	4.75	.....
501.....	Goshen—Middletown.....	Orange.....	50,400 00	5.25	.....
514*	Snooks Corners—Amsterdam.....	Montgomery.....	26,900 00	2.70	Waterbound.
516.....	Johnstown—Tribes Hill, Part 2.....	Montgomery.....	24,625 00	2.75	.....
517*	Palatine Bridge—Stone Arabia.....	Montgomery.....	37,300 00	3.70	Waterbound.
576.....	Montgomery—Bullville.....	Orange.....	48,300 00	7.51	.....
578*	Albion—Eagle Harbor Quarry; Albion—Annis Corners.....	Orleans.....	25,800 00	1.56	.....
600*	Monroe—Chester.....	Orange.....	64,600 00	3.55	.....
602.....	Bearville—Willow.....	Ulster.....	45,900 00	5.57	.....
672-A*	Syracuse—Bridgeport.....	Onondaga.....	27,700 00	1.14	Bit. Mac.
688.....	Augar.....	Orleans.....	13,100 00	1.53	.....
707*	Smithville Flats—Long Pond.....	Chenango.....	55,200 00	1.83	.....
739*	Turner.....	Orange.....	12,100 00	0.98	.....
774.....	Tonawanda Creek—Pendleton Town Line.....	Niagara.....	65,800 00	4.62	W. B.
779*	Plattsburg—Ingraham.....	Clinton.....	.....	2.30	.....
785*	Richfield Springs—Schuyler Lake.....	Oswego.....	53,800 00	1.72	.....
807.....	Kirk—North Pharsalia.....	Chenango.....	58,200 00	5.68	.....

* See footnote in Appendix B, list by counties.

COUNTY HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918 — *Continued*

Highway number	Name	County	Estimated cost	Miles	Type
818*	Ballston Town Line—Scotch Church.....	Saratoga.....	.....	0.92	.....
819*	Ballston—Charlton Town Line.....	Saratoga.....	.....	1.88	.....
1055	Arcade—East Arcade, Part 1.....	Wyoming.....	27,100 00	1.94	.....
1056	Attica—Schwab Corners.....	Wyoming.....	42,500 00	3.44	.....
1057	Darien Center—Bennington, Part 2.....	Wyoming.....	36,500 00	2.27	.....
1073-A	Minoa—Manlius Center—Manlius.....	Onondaga.....	.....	2.37	Concrete.
1084	North Tonawanda City.....	Niagara.....	98,700 00	2.33	.....
1099	Tupper Lake—Long Lake, Part 3.....	Hamilton.....	74,000 00	5.03	.....
1103	Hartsville—Canisteo.....	Steuben.....	49,200 00	5.59	W. B.
1316	Dickersonville—Cambria.....	Niagara.....	33,500 00	2.49	Concrete
1340	Grant Corner—Rundell Corner—Bailey Corner—State Line.....	Westchester.....	55,400 00	4.25	Bit. Mac.
1355	North Western—Boonville, Part 1.....	Oneida.....	141,700 00	6.15	W. B., Surf.
1356	North Western—Boonville, Part 2.....	Oneida.....	82,900 00	5.74	W. B., Surf.
1359	East Onondaga: Seneca Street.....	Onondaga.....	5,800 00	0.22	Br. & Con.
1362	Vanhornesville—Starkville.....	Herkimer.....	86,600 00	5.84	W. B.
1363	Paines Hollow—Stone House.....	Herkimer.....	68,500 00	5.67	W. B.
1370	Harta Corner—White Plains.....	Westchester.....	51,500 00	1.74	Concrete.
1376	Bull Run—Bleecker.....	Fulton.....	42,500 00	2.80	W. B., Surf. & St. Blk.
1382	Rome—Ava, Part 1.....	Oneida.....	47,300 00	1.05	Bitu. & Bit. Mac.
1383	Malone—Dickinson, Part 2.....	Franklin.....	59,400 00	4.75	Bit. Mac.
1384	West Bangor—Reynoldstown.....	Franklin.....	46,300 00	4.04	Bit. Mac.
1385	Tupper Lake—Saranac Lake, Part 1.....	Franklin.....	43,900 00	3.53	Bit. Mac.
1386	Hunter Home—Clinton Co. Line.....	Franklin.....	83,200 00	6.98	Bit. Mac.

1392.....	Rush—Mendon, Part 1.....	Monroe.....	38,000 00	3.69	Bit. Mac.
1397.....	Gunn Corners—Fishers Landing, Part 2.....	Jefferson.....	91,900 00	6.65	Bit. Mac.
1411.....	Wadhams Mills—Whallonsburg.....	Essex.....	67,000 00	4.95	Bit. Mac.
1423.....	Speigeltown—Tomhaunock Reservoir.....	Rensselaer.....	85,300 00	6.34	W. B.
1424.....	Stone Schoolhouse—North Petersburg—Vermont State Line.....	Rensselaer.....	75,900 00	4.95	W. B.
1426.....	Whitehouse Bridge—Vermont State Line.....	Rensselaer.....	48,500 00	3.80	.....
1429.....	Barre Center—Elba, Part 1.....	Orleans.....	62,300 00	4.82	W. B.
1442.....	Barnes Corners—Copenhagen, Part 2.....	Lewis.....	59,900 00	4.74	Bit. Mac.
1445.....	East Aurora—Lancaster, Part 2.....	Erie.....	53,000 00	3.54	Concrete
1446.....	South Newstead—Peters Corners.....	Erie.....	14,200 00	0.91	Concrete
1456.....	Westchester avenue.....	Westchester.....	34,700 00	1.09	Concrete.
1458.....	Morehouseville—Piseco, Part 1.....	Hamilton.....	115,900 00	6.82	Bit.
1461.....	Schuyterville—Gausevoort.....	Saratoga.....	154,100 00	9.06	W. B., Surf.
1462.....	North Western—Boonville, Part 3.....	Oneida.....	26,700 00	0.45	Brick
1467.....	Coblekill—Sharon Springs, Part 2.....	Schoharie.....	62,000 00	5.25	W. B., Surf.
1468.....	Coeymans—Indian Fields, Part 1.....	Albany.....	47,000 00	1.45	B.M. & St. Bl. & Concrete
1470.....	Kennedy—Ellington.....	Chautauqua.....	83,000 00	4.19	Concrete
1471.....	Pratt Corner—Sinclairville.....	Chautauqua.....	104,800 00	5.85	Concrete
1472.....	Sloansville—Charleston, Part 1.....	Schoharie.....	30,000 00	1.84	Bit. Mac.
1479.....	Arcade—Farmersville, Part 2.....	Cattaraugus.....	40,100 00	4.15	Concrete
1480.....	Leon—Wesley, Part 1.....	Cattaraugus.....	61,900 00	3.00	Con. & W. B.
1481.....	Elmgrove—Ridge.....	Monroe.....	43,800 00	2.73	Vit. Cubes.
1482.....	Pattersonville—Scotch Church.....	Schenectady.....	52,000 00	3.42	W. B. Surf.
1483.....	Mongaup—Pond Eddy.....	Sullivan.....	101,800 00	5.69	Bit. Mac.
1485.....	Worcester—Decatur.....	Otsego.....	60,100 00	4.09	W. B.

* See footnotes in Appendix B, list by counties.

COUNTY HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918 - *Continued*

	Route	County	Estimated cost	Miles	Type
1400	Chasey-Champhain	Clinton	40,000 00	3.84	Ill. Mac.
1401	Lancaster-Clinton River	Ida	43,000 00	2.34	P. Con.
1402	Bridgeton-Darien	Muskegon	210,000 00	11.04	P. Con.
1403	Westport-Eliakalshorn	Ida	130,000 00	8.80	Ill. M. & Con.
1404	Rockwell-Ida North New Berlin	Chenango	63,000 00	4.78	W. H.
1405	Monty-Cornell Blue Corners	Montgomery	40,000 00	3.63	W. H.
1406	Chautauque-Flagler, Part 4	Warren	97,000 00	4.60	Ill. Mac.
1407	Pittsburg-Palmira, Part 3	Wayne	62,200 00	2.90	Concrete
1408	Stone Arch-Edinboro, Part 1	Montgomery	30,000 00	2.74	W. H.
1409	Jordan Village-North Main street	Chenango	23,000 00	0.90	Concrete
1410	Baldwinville-Palmira	Chenango	122,000 00	7.40	Br., Con. & W. H.
1411	Washingtonville Village	Orange	42,700 00	2.40	Concrete
1412	Salamanca-Barnettville, Part 2	Cattaraugus	113,000 00	5.08	Concrete
1413	Allen-Cornell, Part 2	Chenango	14,700 00	2.02	Ill. Mac.
1414	Lake Placid Village-Main street and Saranac avenue	Ida	65,700 00	1.00	Br., Con. & Ill. Mac.
1415	Westchester County Line Mahopac Falls Mahopac Lake	Pulaski	63,000 00	3.33	Ill. Mac.
1416	Patterson-Dutchess County Line	Pulaski	30,400 00	1.01	Ill. Mac.
1417	West Haverstraw-Stony Point, Part 2	Herkland	0,000 00	0.42	Ill. Mac.
1418	North Creek-North River	Warren	137,000 00	4.80	Concrete
1419	Allen-Waldport	Wayne		3.83	Concrete.

STATE HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918

Highway number	Name	County	Estimated cost	Miles	Type
5042-C. A.	Auburn-Seneca Falls, Pt 2.....	{ Cayuga Seneca.....	.....	0.07	.....
5087-C. A.	Geneva-Waterloo.....	Seneca.....	.....	0.07	.....
5093.....	Fairport Extension.....	Monroe.....	.....	0.11	.....
5208-A.....	Horseheads-Montour Falls.....	Chemung.....	\$2,600 00	0.18	.....
5261-A*.....	Afton-Bainbridge.....	Chemung.....	23,300 00	0.40	W. B.
5261-A*.....	County Line-Adams Center.....	Chemung.....	27,700 00	0.72	Bit. Mac.
5269-A*.....	County Line-Adams Center.....	Jefferson.....	3,000 00	0.16	Bit. Mac.
5286.....	Watkins-Bennettsburg.....	Schuyler.....	.....	0.77	.....
5288-A.....	Dover Plains-Pawling Town Line, Pt 2.....	Dutchess.....	.....	0.92	Cem. Conc.
5358.....	Mount Vernon City: Columbus Avenue.....	Westchester.....	13,400 00	0.23	.....
5377.....	Riverside Drive-Binghamton.....	Broome.....	45,800 00	1.91	.....
5402.....	Carthage Village: State Street.....	Jefferson.....	3,200 00	0.35	Bit. Mac.
5405*.....	Allegany Village: Main Street.....	Cattaraugus.....	36,700 00	.....	Brick**
5512.....	New Jersey State Line-Nyack, Parts 1 and 3.....	Rockland.....	73,400 00	3.75	.....
5523.....	Wells-Speculator, Part 2.....	Hamilton.....	127,300 00	6.74	W. B.
5592.....	Ballston Spa Village: High Street.....	Saratoga.....	10,100 00	0.24	Bit. Mac.
5599.....	Kingston-Port Ewen.....	Ulster.....	65,800 00	0.49	.....
5608.....	Middleport-Medina, Part 2.....	Orleans.....	67,800 00	3.72	.....
5621.....	Cedarville-West Winfield.....	Hartford.....	65,600 00	5.57	W. B.
5625.....	Fayetteville-Chittenango, Part 1.....	Onondaga.....	71,000 00	3.94	Concrete
5626.....	Oppenheim-Dolgeville.....	Fulton.....	62,500 00	4.90	W. B., Surf.
5627.....	South Lansing-Myers.....	Tompkins.....	37,600 00	2.46	W. B., Surf.
5630.....	Weedsport-Jordan, Part 2.....	Onondaga.....	\$34,500 00	1.03	Concrete
5633.....	Utica-Poland, Part 2.....	Oneida.....	.....	5.10	.....
5634.....	Evans Center-Farnham.....	Erie.....	101,500 00	5.26	Concrete
5635.....	Marilla-Wales Center.....	Erie.....	.....	5.78	Concrete
5637.....	Whitehall-Dresden Center, Part 2.....	Washington.....	158,300 00	5.77	Bit. Mac.
5639.....	Ballston Lake-Crescent, Part 2.....	Saratoga.....	.....	6.37	Bit. Mac.
5641.....	Masena-Winthrop, Part 1.....	St. Lawrence.....	.....	5.45	Bit. Mac.

* See footnote in Appendix B, list by counties.

** 0.61 mile.

FEDERAL AID HIGHWAYS AWAITING CONSTRUCTION DECEMBER 31, 1918

Highway number	Name	County	Estimated cost	Miles	Type
8000	Perry Center—Moscow, Part 1	Wyoming	81,600 00	2.59	Concrete
8001	Greene—Oxford, Part 1	Chenango	.....	5.57	.....
8002	Greene—Oxford, Part 2	Chenango	.....	5.87	.....
8003	Fredonia—Silver Creek, Part 2	Chautauqua	.....	4.29	Concrete
8004	Nicholville—St. Regis Falls, Part 1	St. Lawrence	77,000 00	3.48	Bit. Mac.
8005	Alton—Wolcott, Part 2	Wayne	.....	3.21	.....
8006	Akin—Johnstown, Part 2	Fulton	.....	1.06	W. B.

APPENDIX F

SHOWING

SUMMARIES

OF DIFFERENT TABLES AND APPENDICES

DECEMBER 31, 1918

[559]

SUMMARY OF APPENDIX B, ALSO SHOWING MILEAGES ON APPROVED SYSTEMS,
DECEMBER 31, 1918

County	Highway classification	Total mileage allotted	MILES CONTRACTED FOR				MILES COMPLETED				MILES UNDER CONTRACT			
			Total	Towns	Vil-lages	Cities	Total	Towns	Vil-lages	Cities	Total	Towns	Vil-lages	Cities
Albany.....	State.....	43.18	25.68	24.54	.....	1.14	31.75	20.61	.....	1.14	3.93	.....	.....	.....
County.....	County.....	172.00	171.28	164.21	2.65	4.42	171.28	164.21	2.65	4.42	.....	3.93	.....	.....
Special.....	Special.....	1.59	1.59	0.44	.....	1.15	1.59	0.44	.....	1.15	.....	.....	.....	.....
Allegany.....	State.....	82.99	67.40	60.17	7.23	.....	58.33	51.10	7.23	.....	9.07	.....	.....	.....
County.....	County.....	155.00	95.63	50.84	4.30	.....	58.37	33.94	4.30	.....	.....	.....	.....	.....
Broome.....	State.....	42.74	42.74	33.94	4.30	4.60	42.74	33.94	4.30	4.60	.....	.....	.....	.....
County.....	County.....	138.00	22.44	110.30	4.39	0.87	42.74	33.94	4.39	0.87	16.98	.....	.....	.....
Cattaraugus.....	State.....	63.61	63.61	52.81	6.39	4.51	63.61	52.81	6.39	4.51	20.74	19.41	1.35	.....
County.....	County.....	189.00	48.25	40.36	4.89	3.00	48.25	35.93	4.89	3.00	4.43	.....	.....	.....
Cayuga.....	State.....	43.57	14.07	25.89	1.58	2.03	43.57	19.18	.....	2.03	8.23	6.70	1.58	.....
County.....	County.....	125.00	106.46	100.17	7.42	0.87	58.35	82.47	6.35	0.13	19.51	17.70	1.07	0.74
Chautauqua.....	State.....	76.59	61.69	33.82	6.39	1.48	61.69	33.82	6.39	1.48	23.53	19.81	3.00	0.74
County.....	County.....	207.00	145.43	61.57	5.35	1.33	145.43	35.08	2.35	0.59	7.86	.....	.....	.....
Chemung.....	State.....	44.00	39.72	30.92	2.57	0.76	39.72	23.08	2.57	0.76	.....	.....	.....	.....
County.....	County.....	56.00	56.28	48.76	2.10	5.42	56.28	48.76	2.10	5.42	.....	.....	.....	.....
Chenango.....	State.....	80.76	32.19	40.51	6.83	1.23	80.76	39.93	5.50	0.87	1.89	0.58	1.33	.....
County.....	County.....	136.00	32.35	103.65	98.16	4.52	103.65	82.41	3.00	0.87	17.27	15.75	1.52	.....
Clinton.....	State.....	72.10	59.15	51.32	5.75	2.09	59.15	51.32	5.75	2.09	.....	.....	.....	.....
County.....	County.....	125.00	28.34	97.66	95.87	0.99	97.66	35.26	3.04	0.80	.....	.....	.....	.....
Columbia.....	State.....	72.41	34.90	73.42	3.06	1.17	73.42	57.23	.....	1.17	.....	.....	.....	.....
County.....	County.....	125.00	51.58	71.28	2.05	0.09	51.58	17.26	4.28	0.09	14.91	.....	.....	.....
Cortland.....	State.....	22.54	22.54	17.36	4.28	0.76	22.54	17.36	4.28	0.76	.....	.....	.....	.....
County.....	County.....	84.00	71.36	71.36	.....	.....	71.36	62.06	.....	.....	8.40	.....	.....	.....
Delaware.....	State.....	105.00	91.80	86.49	5.31	.....	91.80	86.49	5.31	.....	.....	.....	.....	.....
County.....	County.....	209.00	75.98	68.63	11.29	.....	68.63	52.03	7.08	.....	20.03	16.44	3.61	.....
Dutchess.....	State.....	258.20	53.29	47.70	6.71	0.79	53.29	34.33	6.71	0.79	13.76	13.76	.....	.....
County.....	County.....	172.00	132.81	123.86	8.68	1.28	132.81	103.29	7.60	1.28	19.65	18.77	1.08	.....
Erie.....	Special.....	2.23	2.23	2.23	.....	.....	2.23	2.23	.....	.....	.....	.....	.....	.....
County.....	County.....	61.33	19.45	36.60	3.34	1.94	36.60	3.34	3.34	1.94	5.19	5.19	2.13	.....
Essex.....	State.....	465.00	150.11	200.77	19.37	4.42	200.77	258.36	17.23	4.42	34.54	32.41	.....	.....
County.....	County.....	112.16	101.76	101.07	1.69	.....	101.07	100.76	1.69	.....	.....	.....	.....	.....
Franklin.....	State.....	141.00	71.96	58.19	7.85	.....	58.19	58.19	7.85	.....	.....	.....	.....	.....
County.....	County.....	154.53	17.36	32.00	4.43	.....	24.98	22.67	2.31	.....	12.35	10.23	2.12	.....
Special.....	Special.....	164.00	77.46	86.54	2.04	.....	75.13	73.09	2.04	.....	11.41	11.41	.....	.....
Fulton.....	State.....	35.75	26.46	16.55	2.20	1.54	26.46	13.43	2.20	1.54	.....	.....	.....	.....
County.....	County.....	90.00	14.40	72.77	.....	2.83	67.57	64.74	.....	2.83	8.03	8.03	.....	.....

SUMMARY OF APPENDIX B, ALSO SHOWING MILEAGES ON APPROVED SYSTEMS, DECEMBER 31, 1918—Concluded

County	Highway classification	Total mileage allotted	MILES CONTRACTED FOR				MILES COMPLETED				MILES UNDER CONTRACT			
			Total	Towns	Vil- lages	Cities	Total	Towns	Vil- lages	Cities	Total	Towns	Vil- lages	Cities
Genesee.....	State.....	38.60	28.39	26.05	1.08	2.34	28.39	26.05	.....	2.34	.....	.....	.....	.....
Genesee.....	County.....	100.00	40.91	39.25	6.83	0.58	39.25	39.25	.....	0.58	10.55	9.47	1.08	.....
Greene.....	State.....	71.79	46.46	39.63	6.83	.....	37.74	30.91	6.83	.....	8.72	8.72	.....	.....
Greene.....	County.....	86.00	56.19	54.91	1.28	.....	52.21	50.93	1.28	.....	2.98	2.98	.....	.....
Hamilton.....	State.....	107.99	77.97	29.82	29.82	.....	29.82	29.82	.....	.....	.....	.....	.....	.....
Hamilton.....	County.....	93.00	59.30	33.70	33.70	.....	19.93	19.93	.....	.....	13.77	13.77	.....	.....
Herkimer.....	State.....	94.11	47.06	32.06	13.54	1.45	40.50	25.51	13.54	1.45	6.55	6.55	.....	.....
Herkimer.....	County.....	144.00	33.95	101.85	6.39	1.81	164.95	96.75	6.39	1.81	5.10	5.10	.....	.....
Jefferson.....	State.....	101.43	17.33	68.89	13.40	1.81	75.02	60.27	12.94	1.81	9.66	8.62	0.46	.....
Jefferson.....	County.....	*186.00	199.09	180.16	16.93	2.00	176.62	159.06	15.96	2.00	22.47	21.10	1.37	.....
Lewis.....	State.....	35.00	35.00	32.61	2.39	.....	32.61	32.61	.....	.....	.....	.....	.....	.....
Lewis.....	County.....	97.00	53.94	49.68	3.36	.....	44.22	40.86	3.36	.....	8.82	8.82	.....	.....
Livingston.....	State.....	78.79	29.30	38.71	10.78	.....	41.80	31.02	10.78	.....	7.69	7.69	.....	.....
Livingston.....	County.....	129.00	43.83	69.11	6.96	.....	65.68	58.72	6.96	.....	10.39	10.39	.....	.....
Madison.....	State.....	53.31	1.18	1.18	.....	.....	1.18	1.18	.....	.....	.....	.....	.....	.....
Madison.....	County.....	50.03	50.70	44.54	6.16	.....	46.25	34.09	6.16	.....	10.45	10.45	.....	.....
Monroe.....	State.....	111.00	60.97	53.92	4.46	2.59	48.78	41.76	4.43	2.59	12.19	12.19	0.03	.....
Monroe.....	County.....	4.78	37.22	33.61	3.61	.....	29.91	26.44	3.47	.....	7.17	7.17	0.14	.....
Montgomery.....	State.....	382.85	287.63	287.63	10.29	4.93	275.84	260.91	10.00	4.93	27.01	26.72	0.29	.....
Montgomery.....	County.....	35.24	9.75	20.60	4.89	.....	25.49	20.60	4.89	.....	.....	.....	.....	.....
Nassau.....	State.....	138.00	37.87	81.84	4.42	1.87	79.47	73.99	3.61	1.87	8.66	7.85	0.81	.....
Nassau.....	County.....	11.79	8.90	8.90	.....	.....	7.33	7.33	.....	.....	1.57	1.57	.....	.....
Nassau.....	Special.....	98.00	64.71	63.40	1.31	.....	59.01	49.66	0.55	.....	14.70	13.74	0.96	.....
Niagara.....	State.....	70.85	65.42	56.86	5.87	2.60	64.81	56.60	5.52	2.60	0.61	0.26	0.35	.....
Niagara.....	County.....	178.00	73.00	88.51	2.31	6.18	78.83	72.24	0.41	6.18	18.17	16.27	1.90	.....
Ontario.....	State.....	5.44	5.44	5.44	.....	.....	5.44	5.44	.....	.....	.....	.....	.....	.....
Ontario.....	County.....	113.84	105.17	89.95	15.24	2.98	101.06	83.74	15.24	2.10	7.99	6.31	0.88	.....
Ontario.....	Special.....	248.00	166.42	157.01	3.13	6.28	158.16	148.75	3.13	6.28	8.26	8.26	.....	.....
Oswego.....	State.....	63.62	58.43	50.57	4.53	1.33	51.31	45.82	4.53	0.98	5.12	4.75	0.37	.....
Oswego.....	County.....	243.00	165.92	147.64	15.06	2.32	159.89	135.61	12.96	2.32	14.13	12.03	2.10	.....
Ozongue.....	State.....	1.97	1.97	1.97	.....	.....	1.97	1.97	.....	.....	.....	.....	.....	.....
Ozongue.....	County.....	54.29	39.42	32.20	5.55	1.67	39.42	32.20	5.55	1.67	.....	.....	.....	.....
Ozongue.....	Special.....	119.00	107.34	99.55	7.79	.....	94.76	88.34	6.42	.....	12.53	11.21	1.37	.....
Orange.....	State.....	64.42	26.86	33.90	3.66	.....	32.31	28.71	3.51	.....	5.20	5.11	0.09	.....
Orange.....	County.....	*164.00	189.23	183.97	5.31	.....	189.10	174.71	5.31	.....	9.18	9.18	.....	.....
Orleans.....	State.....	64.83	28.91	24.34	5.57	.....	29.91	24.34	5.57	.....	.....	.....	.....	.....
Orleans.....	County.....	24.92	52.91	59.70	3.21	.....	62.91	50.71	3.21	.....	.....	.....	.....	.....
Oswego.....	State.....	95.34	71.39	55.51	8.61	7.09	71.39	55.51	8.61	7.09	.....	.....	.....	.....
Oswego.....	County.....	175.69	72.72	83.11	8.38	.....	95.91	81.11	8.94	4.78	6.36	4.92	1.44	.....
Oswego.....	Special.....	58.71	46.56	41.40	0.98	.....	46.56	41.40	0.98	.....	5.32	5.32	.....	.....
Oswego.....	County.....	191.00	109.88	104.07	5.00	0.81	51.81	77.78	2.63	0.81	29.66	26.20	2.37	.....

	Putnam	Rensselaer	Rockland	St. Lawrence	Saratoga	Schenectady	Schoharie	Schuyler	Seneca	Steuben	Suffolk	Sullivan	Tioga	Tompkins	Ulster	Warren	Washington	Wayne	Westchester	Wyoming	Yates	Total
State	27.02	54.00	0.00	27.02	25.88	1.14	27.02	25.88	1.14	27.02	25.88	1.14	27.02	25.88	1.14	27.02	25.88	1.14	27.02	25.88	1.14	27.02
County	54.00	19.07	0.00	34.53	34.54	0.39	34.53	34.54	0.39	34.53	34.54	0.39	34.53	34.54	0.39	34.53	34.54	0.39	34.53	34.54	0.39	34.53
State	62.23	22.35	31.01	139.39	140.32	2.18	139.39	140.32	2.18	139.39	140.32	2.18	139.39	140.32	2.18	139.39	140.32	2.18	139.39	140.32	2.18	139.39
County	27.22	16.15	17.09	39.41	36.93	4.26	39.41	36.93	4.26	39.41	36.93	4.26	39.41	36.93	4.26	39.41	36.93	4.26	39.41	36.93	4.26	39.41
Special	15.36	9.92	117.35	15.36	15.36	10.40	15.36	15.36	10.40	15.36	15.36	10.40	15.36	15.36	10.40	15.36	15.36	10.40	15.36	15.36	10.40	15.36
State	127.25	85.09	32.45	164.31	153.75	11.58	164.31	153.75	11.58	164.31	153.75	11.58	164.31	153.75	11.58	164.31	153.75	11.58	164.31	153.75	11.58	164.31
County	91.34	52.45	48.75	104.25	101.86	0.94	104.25	101.86	0.94	104.25	101.86	0.94	104.25	101.86	0.94	104.25	101.86	0.94	104.25	101.86	0.94	104.25
State	28.23	2.25	22.35	23.98	21.81	2.17	23.98	21.81	2.17	23.98	21.81	2.17	23.98	21.81	2.17	23.98	21.81	2.17	23.98	21.81	2.17	23.98
County	89.00	15.30	64.70	63.24	63.24	0.20	63.24	63.24	0.20	63.24	63.24	0.20	63.24	63.24	0.20	63.24	63.24	0.20	63.24	63.24	0.20	63.24
State	72.55	22.10	51.45	45.43	45.43	0.02	45.43	45.43	0.02	45.43	45.43	0.02	45.43	45.43	0.02	45.43	45.43	0.02	45.43	45.43	0.02	45.43
County	86.00	35.97	13.55	12.28	12.28	7.00	12.28	12.28	7.00	12.28	12.28	7.00	12.28	12.28	7.00	12.28	12.28	7.00	12.28	12.28	7.00	12.28
State	65.17	29.73	22.27	21.11	21.11	2.16	21.11	21.11	2.16	21.11	21.11	2.16	21.11	21.11	2.16	21.11	21.11	2.16	21.11	21.11	2.16	21.11
County	59.21	28.68	39.53	26.07	26.07	4.46	26.07	26.07	4.46	26.07	26.07	4.46	26.07	26.07	4.46	26.07	26.07	4.46	26.07	26.07	4.46	26.07
State	64.00	28.00	37.56	34.81	34.81	2.09	34.81	34.81	2.09	34.81	34.81	2.09	34.81	34.81	2.09	34.81	34.81	2.09	34.81	34.81	2.09	34.81
County	152.96	34.00	118.30	100.88	100.88	15.74	100.88	100.88	15.74	100.88	100.88	15.74	100.88	100.88	15.74	100.88	100.88	15.74	100.88	100.88	15.74	100.88
State	296.00	126.41	79.59	75.75	75.75	3.84	75.75	75.75	3.84	75.75	75.75	3.84	75.75	75.75	3.84	75.75	75.75	3.84	75.75	75.75	3.84	75.75
County	92.43	40.22	52.21	49.67	49.67	3.54	49.67	49.67	3.54	49.67	49.67	3.54	49.67	49.67	3.54	49.67	49.67	3.54	49.67	49.67	3.54	49.67
State	185.00	98.97	86.03	84.47	84.47	1.56	84.47	84.47	1.56	84.47	84.47	1.56	84.47	84.47	1.56	84.47	84.47	1.56	84.47	84.47	1.56	84.47
County	89.12	42.43	46.64	42.46	42.46	4.18	42.46	42.46	4.18	42.46	42.46	4.18	42.46	42.46	4.18	42.46	42.46	4.18	42.46	42.46	4.18	42.46
State	122.00	71.94	51.06	51.06	51.06	0.00	51.06	51.06	0.00	51.06	51.06	0.00	51.06	51.06	0.00	51.06	51.06	0.00	51.06	51.06	0.00	51.06
County	54.23	15.10	41.13	35.13	35.13	0.00	35.13	35.13	0.00	35.13	35.13	0.00	35.13	35.13	0.00	35.13	35.13	0.00	35.13	35.13	0.00	35.13
State	92.00	56.02	35.36	34.10	34.10	1.88	34.10	34.10	1.88	34.10	34.10	1.88	34.10	34.10	1.88	34.10	34.10	1.88	34.10	34.10	1.88	34.10
County	55.64	14.61	44.03	38.03	38.03	4.92	38.03	38.03	4.92	38.03	38.03	4.92	38.03	38.03	4.92	38.03	38.03	4.92	38.03	38.03	4.92	38.03
State	100.00	20.89	79.11	73.28	73.28	3.93	73.28	73.28	3.93	73.28	73.28	3.93	73.28	73.28	3.93	73.28	73.28	3.93	73.28	73.28	3.93	73.28
County	39.37	7.37	32.00	28.07	28.07	0.00	28.07	28.07	0.00	28.07	28.07	0.00	28.07	28.07	0.00	28.07	28.07	0.00	28.07	28.07	0.00	28.07
State	174.00	22.60	151.40	143.04	143.04	7.36	143.04	143.04	7.36	143.04	143.04	7.36	143.04	143.04	7.36	143.04	143.04	7.36	143.04	143.04	7.36	143.04
County	34.24	4.80	29.44	27.35	27.35	1.48	27.35	27.35	1.48	27.35	27.35	1.48	27.35	27.35	1.48	27.35	27.35	1.48	27.35	27.35	1.48	27.35
State	81.00	11.01	69.99	69.82	69.82	0.17	69.82	69.82	0.17	69.82	69.82	0.17	69.82	69.82	0.17	69.82	69.82	0.17	69.82	69.82	0.17	69.82
County	55.39	25.23	30.16	22.05	22.05	8.11	22.05	22.05	8.11	22.05	22.05	8.11	22.05	22.05	8.11	22.05	22.05	8.11	22.05	22.05	8.11	22.05
State	109.00	35.74	73.26	68.08	68.08	5.18	68.08	68.08	5.18	68.08	68.08	5.18	68.08	68.08	5.18	68.08	68.08	5.18	68.08	68.08	5.18	68.08
County	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
State	79.37	39.92	39.45	34.81	34.81	4.64	34.81	34.81	4.64	34.81	34.81	4.64	34.81	34.81	4.64	34.81	34.81	4.64	34.81	34.81	4.64	34.81
County	127.00	83.81	43.19	42.81	42.81	0.38	42.81	42.81	0.38	42.81	42.81	0.38	42.81	42.81	0.38	42.81	42.81	0.38	42.81	42.81	0.38	42.81
State	86.28	14.69	71.69	44.93	44.93	16.41	44.93	44.93	16.41	44.93	44.93	16.41	44.93	44.93	16.41	44.93	44.93	16.41	44.93	44.93	16.41	44.93
County	255.00	65.88	189.12	174.60	174.60	13.59	174.60	174.60	13.59	174.60	174.60	13.59	174.60	174.60	13.59	174.60	174.60	13.59	174.60	174.60	13.59	174.60
Special	4.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91
State	44.36	24.85	19.51	15.58	15.58	3.93	15.58	15.58	3.93	15.58	15.58	3.93	15.58	15.58	3.93	15.58	15.58	3.93	15.58	15.58	3.93	15.58
County	121.00	86.34	34.66	27.74	27.74	6.92	27.74	27.74	6.92	27.74	27.74	6.92	27.74	27.74	6.92	27.74	27.74	6.92	27.74	27.74	6.92	27.74
State	28.48	4.51	23.97	20.74	20.74	3.23	20.74	20.74	3.23	20.74	20.74	3.23	20.74	20.74	3.23	20.74	20.74	3.23	20.74	20.74	3.23	20.74
County	64.00	42.32	21.68	19.71	19.71	1.97	19.71	19.71	1.97	19.71	19.71	1.97	19.71	19.71	1.97	19.71	19.71	1.97	19.71	19.71	1.97	19.71
Total	3,759.64	1,143.30	2,626.34	2,253.18	2,253.18	307.45	2,253.18	2,253.18	307.45	2,253.18	2,253.18	307.45	2,253.18	2,253.18	307.45	2,253.18	2,253.18	307.45	2,253.18	2,253.18	307.45	2,253.18
County	8,390.00	3,157.76	5,257.61	5,013.49	5,013.49	269.73	5,013.49	5,013.49	269.73	5,013.49	5,013.49	269.73	5,013.49	5,013.49	269.73	5,013.49	5,013.49	269.73	5,013.49	5,013.49	269.73	5,013.49
Special	45.27	45.27	45.27	45.27	45.27	1.15	45.27	45.27	1.15	45.27	45.27	1.15	45.27	45.27	1.15	45.27	45.27	1.15	45.27	45.27	1.15	45.27
Total	12,194.91	4,301.06	8,029.22	7,310.79	7,310.79	577.18	7,310.79	7,310.79	577.18	7,310.79	7,310.79	577.18	7,310.79	7,310.79	577.18	7,310.79	7,310.79	577.18	7,310.79	7,310.79	577.18	7,310.79

† Actual construction 189.28

* Actual construction 189.60

SUMMARY OF APPENDIX C, SHOWING MILEAGES

ROUTE NO.	1	2	3	3A	4	4A	4B	5	5A	5B	5C
Albany.....			14.00							0.70	
Allegany.....					49.21		2.19				
Broome.....					42.95	16.58					
Cattaraugus.....					56.59						
Cayuga.....											
Chautauqua.....					39.33						
Chemung.....					28.75						
Chenango.....											
Clinton.....											
Columbia.....	51.23	29.76									
Cortland.....						16.00					
Delaware.....				12.90	39.45			56.73			
Dutchess.....	42.54	42.96									
Erie.....											
Essex.....											
Franklin.....											
Fulton.....											
Genesee.....											
Greene.....			27.62						38.17	13.90	3.95
Hamilton.....								16.76			
Herkimer.....											
Jefferson.....											
Lewis.....											
Livingston.....											
Madison.....											
Monroe.....											
Montgomery.....											
Nassau.....											
Niagara.....											
Oneida.....											
Onondaga.....											
Ontario.....			23.12	6.89	41.92						
Orange.....											
Orleans.....											
Oswego.....								35.07			
Otsego.....	15.11	12.64									
Putnam.....	13.23										
Rensselaer.....											
Rockland.....			27.88								
St. Lawrence.....											
Saratoga.....											
Schenectady.....											
Schoharie.....								2.65			
Schuyler.....											
Seneca.....											
Steuben.....					57.70		20.36				
Suffolk.....											
Sullivan.....				42.48	46.64						
Tioga.....					30.60						
Tompkins.....											
Ulster.....			41.85					39.10			
Warren.....											
Washington.....											
Wayne.....	43.98	42.32									
Westchester.....											
Wyoming.....											
Yates.....											
Route totals.....	166.09	127.68	134.47	62.27	434.14	22.58	22.55	150.31	38.17	14.60	3.95

OF STATE ROUTES, BY COUNTIES AND TOTALS

6	6A	7	7A	8	8A	9	10	11	12	13	14	15	16
9.30		25.67											
		32.10		12.50								2.53	30.34
17.67								23.10					
		15.72		46.30	1.40	19.52	27.20		9.31				
						30.13	41.61						
18.64													
28.59													8.39
26.17													
19.68				17.18		32.07						43.52	1.04
14.90											15.23	2.66	19.23
42.00													
34.91				12.04									
31.06							20.94						
32.35	4.52								17.91		30.94		
		51.72											
13.54				17.56									
		28.25		2.73									
14.60	10.40								15.55	2.60			
										16.15	41.00	18.63	
						7.50							
						29.67		16.76					
									3.43				
									23.97	4.51			28.26
293.41	14.92	153.46	20.29	88.02	1.40	118.89	89.94	39.86	70.08	23.26	83.16	67.39	87.31

SUMMARY OF APPENDIX C, SHOWING MILEAGES OF STATE

ROUTE NO.	17	18	19	20	21	22 south	22 north	22A	22B	22C	23
Albany.....											
Allegany.....											
Broome.....											
Cattaraugus.....	28.56			12.09							
Cayuga.....											
Chautauqua.....		42.08									
Chemung.....											
Chenango.....											
Clinton.....							52.26				
Columbia.....					8.26						
Cortland.....											
Delaware.....											
Dutchess.....											
Erie.....	30.82	29.91	23.43								
Faxey.....											
Franklin.....							66.86	17.34	17.67		
Fulton.....											
Genesee.....			10.6								
Greene.....											
Hamilton.....											38.54
Herkimer.....											20.57
Jefferson.....											
Lewis.....											
Livingston.....											
Madison.....											
Monroe.....				10.27							
Montgomery.....											
Nassau.....											
Niagara.....		26.46									
Oneida.....											31.14
Onondaga.....				3.84							
Ontario.....				1.10							
Orange.....											
Orleans.....											
Oswego.....											
Otsego.....											1.53
Putnam.....											
Rensselaer.....					28.09	28.89					
Rockland.....											
St. Lawrence.....											
Saratoga.....											
Schenectady.....											
Schoharie.....											
Schoyler.....											
Seneca.....				1.90							
Steuben.....											
Suffolk.....											
Sullivan.....											
Tioga.....											
Tompkins.....											
Ulster.....											
Warren.....							8.94			4.80	
Washington.....						70.65					
Wayne.....				40.10							
Westchester.....											
Wyoming.....			16.10								
Yates.....											
Route totals.	59.38	98.45	50.15	69.30	36.35	99.54	127.48	17.34	17.67	4.80	91.78
						227.00					

23A	24	25	26	27	28	29	30	30 Spur No. 1	30 Spur No. 2	30A	31	32
		10.44										
							7.96					
							36.13					
		27.32										
	25.41						33.06				41.51	
14.85	31.57	45.08										
		21.45	30.42	55.01			53.93			16.56		
				35.00								
	2.43						37.07					
		41.97	4.59	8.60	39.75	12.70	46.24	14.16				
							29.86	3.70	21.27			
					18.52		48.40					
		52.22					67.75					60.30
		47.95										
							86.14					
14.85	59.41	246.40	35.01	98.61	58.27	12.70	396.54	17.86	21.27	16.56	41.51	60.30
								435.67				

SUMMARY OF APPENDIX C, SHOWING MILEAGES OF STATE

ROUTE NO.	33	34	35	36	37	37A	37B	38	38A	39	39A	39B	41
Albany.....													
Allegany.....													
Broome.....													
Cattaraugus.....													
Cayuga.....													
Chautauque.....													
Chemung.....											7.86		
Chenango.....													
Clinton.....													
Columbia.....													
Cortland.....													
Delaware.....								5.10					
Dutchess.....													
Erie.....													
Essex.....													
Franklin.....													
Fulton.....					42.17								
Genesee.....													
Greene.....								2.00					
Hamilton.....													
Herkimer.....													
Jefferson.....													
Lewis.....													
Livingston.....													
Madison.....													
Monroe.....													
Montgomery.....													
Nassau.....			37.94										
Niagara.....													
Oneida.....													
Onondaga.....	11.52	11.21											
Ontario.....													
Orange.....												10.13	
Orleans.....													
Oswego.....	12.53	22.49											
Otsego.....													
Putnam.....													
Rensselaer.....													
Rockland.....												18.59	
St. Lawrence.....													
Saratoga.....					18.80	16.38	3.88			1.77			
Schenectady.....										6.35			
Schoharie.....								29.13	11.79				
Schuyler.....											2.43		
Seneca.....				31.36									
Steuben.....													
Suffolk.....			105.77										
Sullivan.....													
Tioga.....				18.47									
Tompkins.....				23.03							10.78		
Ulster.....													
Warren.....													
Washington.....													
Wayne.....													
Westchester.....													15.10
Wyoming.....													
Yates.....													
Route totals...	24.05	33.70	143.71	72.86	60.97	16.38	3.88	36.23	11.79	8.12	21.07	28.72	15.10

ROUTES, BY COUNTIES AND TOTALS — *Concluded*

42	43	*43	45	46	Total miles in counties	MILES COMPLETED			Miles under contract	Approximate mileage to be built	County
						State	County	Town or corporation			
7.18					67.29	21.75	24.51	0.60	3.93	16.50	Albany
					84.22	58.33		1.23	9.07	15.69	Alle.
					106.13	42.74	25.65	6.21		30.63	Broome
					85.15	42.85	3.09	2.85	20.76	15.60	Catt.
					60.82	21.22	14.05	3.20	8.28	14.07	Cayuga
					81.41	41.69	1.03	3.69		35.00	Chau.
					65.34	26.39	19.85	1.40	7.86	9.84	Chem.
					90.81	46.68	9.30	0.75	1.89	32.19	Chen.
					88.39	59.16	14.11	2.12		13.00	Clinton
					89.25	37.51	16.84			34.90	Colum.
					87.74	22.32	26.84	4.36		34.22	Cort.
					114.18	91.80	8.26			14.10	Del.
					85.50	41.53	26.01	3.29	13.76	0.91	Dutch.
					102.80	36.69	41.26	0.21	5.19	19.45	Erie
					128.59	100.76	16.13			11.70	Essex
					74.57	24.98	4.51	15.43	12.35	17.80	Frank.
					67.58	10.29	23.21	7.62		26.46	Fulton
					47.60	28.39	5.55	3.45		10.21	Genesee
					85.64	37.74	13.04	0.81	8.72	25.33	Greene
					115.16	29.82	7.18		10.19	77.97	Hamil.
					130.22	40.50	31.96	4.15	6.55	47.06	Herk.
					125.50	75.02	18.62	5.55	9.08	17.33	Jeffers.
					35.00	35.00					Lewis
					80.92	41.80	2.13		7.69	29.30	Livinge.
	16.68				64.15	40.25	5.84		10.45	7.61	Mad.
					84.51	29.91	35.72	6.79	7.31	4.78	Monroe
					44.43	25.49	5.94	3.25		9.75	Mont.
					37.94	7.33	6.16	20.08	1.57	2.80	Nassau
					86.86	64.81	4.90	11.11	0.61	5.43	Niagara
					175.70	101.08	50.13	11.73	7.09	5.67	Oneida
					78.67	51.31	7.70	7.85	5.12	6.59	Onon.
					86.82	39.42	27.82	2.80		16.78	Ontario
					82.06	32.36	11.78	5.86	5.20	26.86	Orange
					54.82	29.91				24.92	Orleans
					101.94	71.30	14.79	1.81		14.04	Oswego
					88.32	46.86	26.82	2.39	10.40	11.85	Otsego
					27.75	27.02	0.73				Putnam
27.90					98.11	39.88	32.20	3.68		22.35	Renss.
					46.47	11.07	13.33	5.92		16.15	Rock.
					128.05	108.21	0.60	0.20	9.12	9.92	St. Law.
		15.23			108.28	38.88	13.41	3.53		52.46	Sara.
7.33					44.78	18.36	12.91	5.64	5.62	2.25	Schen.
					74.55	43.50		1.00	7.95	22.10	Scho.
			12.20	32.38	65.17	14.61			14.69	35.97	Schuy.
			11.01		69.27	30.53	10.06			28.68	Seneca
				6.96	161.79	118.20	5.78	3.71		34.00	Steuben
					105.77	53.21	12.34			40.22	Suffolk
					89.12	46.64				42.48	Sullivan
					56.57	41.13		0.34		15.10	Tioga
				3.32	83.56	44.03	20.14	4.78		14.61	Tomp.
					80.95	32.00	35.23	6.35		7.37	Ulster
					61.69	29.44	26.85	1.10		4.80	Warren
					70.65	30.16	15.26			25.23	Wash.
					79.67	33.60		0.30	5.85	39.92	Wayne
					101.40	67.40	7.11	7.91	4.29	14.69	West.
					44.36	19.51				24.85	Wyom.
					28.48	23.56			0.41	4.51	Yates
42.41	16.68	15.23	23.21	42.66	4,711.38	2,426.03	756.10	185.06	200.90	1,143.30	Totals

† County Highway.

* So in original law.

APPENDIX "D" SUMMARIES

Mileages of Highways Accepted During 1918

Div. No.	CONTRACT YEAR	TYPE MILEAGES					Total mileage
		W. B.	Bit. mac.	Brick	F. Con.	Misc.	
1	1915.....	3.17	6.32	.....	.....	.....	9.49
	1916.....	5.16	18.26	0.17	3.53	.....	27.12
	1917.....	.....	5.26	1.03	0.82	2.74	9.85
	Total, division 1.....	8.33	29.84	1.20	4.35	2.74	46.46
2	1915.....	9.65	.....	.....	.....	.....	9.55
	1916.....	10.00	10.46	1.98	.....	.....	22.44
	1917.....	2.93	5.95	.....	.....	.....	8.88
	Total, division 2.....	22.48	16.41	1.98	.....	.....	40.87
3	1915.....	.....	5.50	.....	.....	.....	5.50
	1917.....	.....	5.37	.....	4.60	.....	9.97
	Total division 3.....	.....	10.87	.....	4.60	.....	15.47
4	1914.....	12.53	.....	.....	.....	.....	12.53
	1915.....	11.94	.....	.....	.....	.....	11.94
	1916.....	8.62	1.10	.....	.....	0.71	10.43
	1917.....	7.10	.....	.....	0.57	0.70	8.37
	Total, division 4.....	40.19	1.10	.....	0.57	1.41	43.27
5	1914.....	.....	8.18	.....	.....	.....	8.18
	1915.....	.....	0.43	.....	.....	.....	0.43
	1916.....	.....	.....	.....	.....	1.04	1.04
	1917.....	2.01	4.85	.....	.....	.....	6.86
	Total, division 5.....	2.01	13.46	.....	.....	1.04	16.51
6	1915.....	.....	4.70	.....	0.16	.....	4.86
	1916.....	8.41	.....	.....	.....	.....	8.41
	1917.....	1.88	5.63	.....	.....	.....	7.51
	Total, division 6.....	10.29	10.33	.....	0.16	.....	20.78
7	1916.....	13.40	.....	1.08	.....	0.24	14.72
	Total, division 7.....	13.40	.....	1.08	.....	0.24	14.72
8	1914.....	6.34	.....	.....	4.75	.....	11.09
	1915.....	10.99	7.29	.....	.....	.....	18.28
	1916.....	7.23	1.47	1.19	.....	.....	9.89
	Total, division 8.....	24.56	8.76	1.19	4.75	.....	39.26
9	1911.....	.....	10.30	.....	.....	.....	10.30
	1915.....	.....	.....	0.79	.....	.....	0.79
	1916.....	8.84	.....	0.34	5.34	.....	14.52
	1917.....	2.90	.....	.....	.....	.....	2.90
	Total, division 9.....	11.74	10.30	1.13	5.34	.....	28.51
	1911.....	.....	10.30	.....	.....	.....	10.30
	1914.....	18.87	8.18	.....	4.75	.....	31.80
	1915.....	35.85	24.24	0.79	0.16	.....	60.84
	1916.....	61.66	31.29	4.76	8.87	1.99	108.57
	1917.....	16.82	27.06	1.03	5.99	3.44	54.34
	Grand totals.....	133.00	101.07	6.58	19.77	5.43	265.85

Mileages of Highways Under Contract December 31, 1918

Div. No.	CONTRACT YEAR	TYPE MILEAGES					Total mileage
		W. B.	Bit. mac.	Brick	F. Con.	Misc.	
1	1915.....	10.94	25.80	.....	10.50	.....	47.24
	1916.....	10.98	37.38	.....	20.92	.....	69.28
	1917.....	1.32	12.54	.....	11.14	2.99	27.99
	Total, division 1.....	23.24	75.72	.....	42.56	2.99	144.51
2	1915.....	5.13	.....	.....	.....	.....	5.13
	1916.....	31.16	11.84	.....	10.67	.....	53.67
	Total, division 2.....	36.29	11.84	.....	10.67	.....	58.80
3	1915.....	.....	11.41	.....	.....	.....	11.41
	1916.....	.....	55.91	0.67	6.94	.....	63.52
	1917.....	.....	9.48	.....	4.60	.....	14.08
	Total division 3.....	.....	76.80	0.67	11.54	.....	89.06
4	1915.....	36.45	.....	.....	.....	.....	36.45
	1916.....	36.25	.....	.....	.....	.....	36.25
	1917.....	5.65	.....	.....	0.71	1.04	7.40
	Total, division 4.....	78.35	.....	.....	0.71	1.04	80.10
5	1915.....	0.59	13.79	.....	.....	.....	14.38
	1916.....	47.30	31.61	.....	.....	0.72	79.63
	1917.....	7.12	12.28	.....	.....	.....	19.40
	Total, division 5.....	55.01	57.68	.....	.....	0.72	113.41
6	1915.....	3.51	11.80	1.07	.....	0.74	17.12
	1916.....	15.05	6.36	0.37	34.14	.....	55.92
	1917.....	7.85	.....	.....	.....	.....	7.85
	Total, division 6.....	26.41	18.16	1.44	34.14	0.74	80.89
7	1915.....	30.62	.....	0.50	.....	1.03	32.15
	1916.....	49.48	.....	.....	2.59	.....	52.07
	1917.....	3.28	.....	.....	1.28	.....	4.56
	Total, division 7.....	83.38	.....	0.50	3.87	1.03	88.78
8	1914.....	.....	.....	.....	.....	7.85	7.85
	1915.....	15.01	.....	.....	.....	.....	15.01
	1916.....	46.32	10.96	0.16	.....	.....	57.44
	Total, division 8.....	61.33	10.96	0.16	.....	7.85	80.30
9	1915.....	14.33	.....	4.98	17.30	.....	36.61
	1916.....	7.85	.....	4.27	39.42	.....	51.54
	1917.....	8.65	.....	.....	9.84	.....	18.49
	1918.....	.....	0.05	.....	0.56	.....	0.61
	Total, division 9.....	30.83	0.05	9.25	67.12	.....	107.25
	1914.....	.....	.....	.....	.....	7.85	7.85
	1915.....	116.58	62.80	6.55	27.80	1.77	215.50
Grand totals.....	1916.....	244.39	154.00	5.47	114.68	0.72	519.32
	1917.....	33.87	34.30	.....	27.57	4.03	99.77
	1918.....	.....	0.05	.....	0.56	.....	0.61
	Grand totals.....	394.84	251.21	12.02	170.61	14.37	843.05

APPENDIX G

TABLE

SHOWING STATUS OF

REPAIR CONTRACTS

UPON WHICH WORK WAS PERFORMED DURING 1918

DECEMBER 31, 1918

[573]

STATUS OF REPAIR CONTRACTS AWARDED PREVIOUS TO 1918

NAME OF CONTRACTOR	Date contract was awarded	Contract No.	Highway No.	Miles	County	Class of work	Exp. inc., etc.	Contract price	Amount of supplies material agreement	Total cost of work including engineering, etc.	Cost per mile	Percentage of completion
Department Forces ¹	8/30/15	797	462	8.78	Herkimer	Water'd mac., surf. and widening		\$13,523.96	—3,293.56			61
Jackson Bros. ²	83/0/15	843	5223	8.54	Sullivan	2 1/2" bit. mac. resurfacing	\$1,400.96	42,967.40	—M. 373.5	41,074.83	\$4,969.70	100
P. H. Walls	5/9/16	915	321, 323, 340, 919, 962, 963, 5017, 5067, 5069, 5127, 5290	42.53	Saratoga and Wayne	Bit. mac. T. and L. H. O. surf. treat.						
Gleason & Davitt	6/8/16	951	5086	5.02	Schoharie	Bit. mac. A. resurfacing	641.44	15,393.30	—5,578.04	11,459.70	269.45	100
Department forces ³		963	398, 598-A	2.21	Chemung	Bit. mac. A. resurf. and widening	1,237.48	25,856.50	—239.83	26,854.15	5,349.43	100
Department forces ⁴		959	76	1.57	Delaware	Bit. mac. mix. method	977.38	9,977.60	+4,821.29	15,776.27	7,138.68	100
Department forces ⁵		970	462	9.91	Herkimer	2 1/2" bit. mac. resurf.		35,621.55				84
Nash & Griffin	8/12/16	1003	377	0.42	Cortland	Concrete pavement resurf.		49,066.96				83
John P. Dugan & Co., Inc.	4/11/17	1007	304	5.64	Montgomery	3" bit. mac. pen. meth.		4,942.10				0
John P. Dugan & Co., Inc. ⁶	4/11/17	1009	110, 247	3.72	Fulton	3" bit. mac. pen. meth. resurf.	1,672.83	37,076.98	+0,912.02	45,062.83	8,096.25	100
The Sewage disposal & Water Plant Co.	4/12/17	1012	41	0.86	Albany	Concrete pavement resurf.		25,908.20				0
J. J. Malby	4/17/17	1015	788	2.73	Schenectady	2" bit. mac. pen. meth. resurf.	1,179.84	13,880.00	—651.45	14,417.39	16,764.41	100
							1,774.51	28,688.25	—497.23	29,965.53	10,967.35	100

¹ Original contract let 7-14-15 to Daniel B. Donovan; was cancelled and relet 10-28-16 to Phelan & Sullivan whose contract was also cancelled.² Contract awarded to George Meach; and assigned to Jackson Bros.³ Contract let 7-16-16 to Franklin Co. and cancelled.⁴ Contract let 8-10-16 to Federal Pavement Corporation and cancelled.⁵ Contract let 8-20-16 to Phelan & Sullivan and cancelled.⁶ Contract cancelled.

STATUS OF REPAIR CONTRACTS AWARDED PREVIOUS TO 1918—Continued

NAME OF CONTRACTOR	Date contract was awarded	Contract No.	Highway No.	Miles	County	Class of work	Engi- neering, etc.	Contract price	Amount of supple- mental agreement	Total cost of work including engineer- ing, Etc.	Cost per mile	Percentage of completion
Department forces ¹ The Atlantic Refining Co.	4/11/11	1016	119, Part 2 72, 326, 338, 606 969, 1298, 1333, 5213, 5515, 3356, 5471, 5474	2.26	Albany	Concrete pavement repairs	2,259.75	35,660.92	+2,541.45	40,463.12	17,908.59	100
Thomas D. Carter Dale Engineering Co. ¹ McGreedy, McGuigan & Baum Const. Co.	4/12/11	1024	994	2.46	Chenango	Bit. mat. L. H. O. surf. treatment.	253.70	18,991.57	+1,377.13	20,502.46	422.03	100
Greece Construction Co. Richard Hopkins Lane Construction Corp.	4/11/11	1036	1070	0.42	Oneida	3" bit. mac. resurfacing. 2" Amelite resurfacing.		20,153.00				17
	4/7/11	1037	180, 351	7.11	Cortland	2 1/2" bit. mac. pen. meth. res.		40,893.00	-3,239.92	15,753.21	5,325.15	60
	5/29/11	1041	390	2.86	Orleans	3 1/2" Waterbound resurf.		15,300.00		37,555.22	12,940.54	100
	7/11/11	1045	3205	3.17	Saratoga	1 1/2" bit. mac. pen. meth. res.		37,860.00	-1,165.37			100
	7/11/11	1046	744	3.77	Essex	2" and 3" bit. mac. pen. meth. res.		29,983.86	+6,168.57	37,047.52	9,826.92	100
Spellman-Oliver Co. Holtman Bros. Dana W. Robbins, Inc.	5/3/11	1047	537	4.34	Clinton	2 1/2" bit. mac. pen. meth. res.		25,195.00	+512.32	26,511.03	6,108.53	100
	4/12/11	1057	3208	1.48	Schuyler	3 1/2" bit. mac. pen. meth. res.		10,740.91				0
	4/14/11	1059	162, 316, 708, 784	4.92	Utica	Bit. mat. A. heavy surf. treatment.	960.81	19,911.50	-2,587.60	18,294.71	3,716.40	100
Department forces ¹ Holtman Bros.	4/17/11	1072	608, 369, 559, 830, 1157, 5521, 5538	40.75	Oneida	Bit. mat. T. C. A. surf. treat.	455.10	15,703.96	+1,714.54	17,873.59	438.82	100
Warren Bros. ¹⁰ P. H. Murray ¹¹ Arthur F. McConville Schunemann Const. Co.	8/15/16	1085	74, 971	4.48	Oneida	2 1/2" bit. mac. pen. meth. res.	559.06	13,985.53	-766.93	13,657.66	6,761.22	100
	7/11/11	1089	5576	4.60	Ontario	3 1/2" bit. mac. pen. meth. res.		40,883.95				60
	7/11/11	1090	238	3.06	Jefferson	puddled bit. mac. resurf.	591.05	29,202.00	+1393.10	55,418.38	11,816.26	100
	8/7/11	1092	153	3.60	Orange	2" waterbound resurf.		29,720.55	-40.38	51,244.89	16,968.51	100
	8/2/11	1093	420, 5215	1.01	Broome	3 1/2" bit. mac. pen. meth. res.	432.20	32,970.50	+607.76	34,050.46	10,312.26	100
	8/2/11	1094	273, 400	1.01	Broome	3 1/2" bit. mac. pen. meth. res.	335.96	14,829.50	-56.32	15,112.13	14,962.50	100
Sherman Const. Co., Inc. Brayer Bros. C. B. Whitmore Co. Richard Hopkins Harvey Miller	5/2/11	1098	384, 752	3.73	Cayuga	Concrete pavement repairs	2,092.75	55,572.00	+456.32	54,468.06	15,815.60	100
	5/2/11	1100	507	3.73	Niagara	Concrete pavement repairs	1,193.09	60,428.72	+1,181.14	62,702.56	9,572.04	100
	5/2/11	1101	524, 535	0.54	Orleans	3 1/2" bit. mac. pen. meth. res.	1,570.39	60,065.00	+219.45	63,160.87	15,397.92	100
	5/3/11	1102	1111	3.91	Jefferson	Concrete pavement repairs						100

STATE OF NEW YORK

ANNUAL REPORT

OF

THE ADJUTANT GENERAL

For the year 1919

BRIGADIER GENERAL CHARLES W. BERRY
The Adjutant General



ALBANY
J. B. LYON COMPANY, PRINTERS
1921

ANNUAL REPORT OF THE ADJUTANT-GENERAL OF THE STATE

THE ADJUTANT-GENERAL'S OFFICE,

ALBANY, December 31, 1919

To the Governor:

SIR.—The following report is submitted in compliance with Section 17 of the Military Law.

GENERAL REMARKS

During the War with Germany, there was organized in the State in compliance with the provisions of the State Constitution and in order that troops might be available for the protection of life and property a military force known as the New York Guard. This force took the place of the New York National Guard which was drafted into the service of the United States on August 5, 1917, and thereby discharged from the militia. The New York Guard rendered valuable service in guarding public utilities, preserving order and in many other ways. Its members are entitled to the highest commendation for the patriotic manner in which they performed the important duties thrust upon them in time of war. It was necessarily composed, however, largely of men who were not eligible for active service. At the close of the war its membership consisted almost entirely of those not subject to the Selective Service Law — boys under the age of 18 years, men over the age of 45, men whose business or family relations were such that their presence was required in their home communities and men with physical defects which barred them from active service but which were not sufficient to prevent them from performing duty in the New York Guard at their home stations. Many of these men joined for the emergency only and were anxious to leave the service as soon as the armistice was signed. At no time was the New York Guard properly armed, uniformed and equipped.

On January 1, 1919, this force consisted of about twenty-two thousand officers and men. Some of the organizations were efficient but a majority of them, by reason of lack of proper equipment and training and because of the reasons stated above, could not be relied upon for active service. It is doubtful if 5000 men could have been placed on active duty in an emergency at that time.

It was apparent that when I assumed office on January 13th that prompt action should be taken to reorganize the New York Guard and to supply the reorganized force with arms, uniforms and equipment. Accordingly, on January 30th, a committee consisting of the following officers was appointed to make recommendations as to the military policy of the State, viz.: Commodore Robert P. Forshew, Naval Reserve; Brigadier-General George R. Dyer, 1st Brigade, N. Y. G.; Brigadier-General Cornelius Vanderbilt, Reserve; Brigadier-General Louis L. Babcock, 4th Brigade, N. Y. G.; Brigadier-General F. DeForest Kemp, 3d Brigade, N. Y. G.; Brigadier-General James Robb, 2d Brigade, N. Y. G.; Brigadier-General Daniel Appleton, Retired; Brigadier-General Louis W. Stotesbury, Reserve; Brigadier-General John Foote, Reserve; Brigadier-General James W. Lester, Reserve; Brigadier-General George C. Fox, Retired; Colonel Charles E. Walsh, 10th Infantry, N. Y. G.; Colonel Frederick W. Baldwin, 14th Infantry, N. Y. G.; Colonel Lyman P. Hubbell, 65th Infantry, N. Y. G.; Colonel George W. Burleigh, 9th Coast Defense Command, N. Y. G.; Colonel Walter J. Carlin, 2d Field Artillery, N. Y. G.; Lieutenant-Colonel Frank S. Sidway, 74th Infantry, N. Y. G.; Lieutenant-Colonel James Eben, 71st Infantry, N. Y. G.; Lieutenant-Colonel John McGaffin, Reserve; Major Alfred Wendt, Squadron A, Cavalry, N. Y. G.; Colonel William H. Chapin, National Guard Reserve; Colonel William W. Ladd, Retired; Major Daniel W. Burr, Retired; Major Frank J. Foley, National Guard Reserve; Commodore Louis M. Josephthal, Naval Militia.

In his message to the Legislature of 1919, the Governor had referred to the problem of the reinstatement of former members of the National Guard in the State Militia and had promised that he would make the subject the matter of a special message

later in its session. This question was also referred to the committee for recommendation as to the action to be taken to secure the return to the State service of the officers and men then in the service of the United States but who were expected shortly to be mustered out of such service.

The committee met at the 71st Regiment Armory, New York City, on February 4, 1919, and on February 8, 1919, made the following report to the Governor:

HEADQUARTERS, TENTH INFANTRY, NEW YORK GUARD, STATE
ARMORY.

195 WASHINGTON AVENUE.

ALBANY, N. Y., February 8, 1919.

To the Governor of the State of New York:

SIR.—The Committee appointed by you under S. O. 25, A. G. O. to make recommendations as to the military policy of the State, having carefully considered all the factors entering into the question, respectfully recommend:

1. That the Adjutant-General of the State immediately order each unit commander to take all necessary steps for the reorganization of his command so that it will attain the standard required by the National Defense Act of 1916.

2. That when a unit reports that it is reorganized according to the required standard, and ready for inspection, The Adjutant-General of the State shall immediately take such steps as may be necessary to obtain arms and equipment for that organization from the Federal Government.

3. That where a unit as a company, battalion, or regiment, occupies an armory the commanding officer thereof shall make such arrangements as may be possible to have units returning from Federal service march to their respective armories with such escort, ceremony and welcome as may be proper for the occasion, and that as soon as possible thereafter he confer with the officers of the returning organization and make such mutual arrangements as may be possible to secure their return to the military service.

4. That where two or more officers of the same grade are available for a single position, the matter shall be referred to the Division Commander who will adjust it, if possible, in such manner that the best interests of the State may be conserved and both officers be utilized in some capacity, an officer with actual combat experience in the late war having the preference. When such adjustment cannot be made satisfactorily in the manner indicated above, or should either party disagree with ruling of the Division Commander, the matter should be referred to the Governor for final decision.

Respectfully submitted:

C. VANDERBILT,
Chairman.

CHARLES E. WALSH,
Secretary.

This report having been approved by the Governor, on February 10th General Orders No. 5 was issued by this office directing each unit commander, under proper supervision and control

of his immediate superiors, to commence at once the reorganization of his command to conform to the requirements of the War Department for National Guard troops, as follows:

- (a) By eliminating men not physically qualified.
- (b) By eliminating men not within the prescribed age limits.
- (c) By eliminating men not willing or able to serve under the conditions required of National Guard troops.
- (d) By obtaining, by a vigorous and tactful local recruiting campaign, as members of his command, as many as possible of the former officers and men of the U. S. Army and also by obtaining as members of his command such citizens and former members of the State forces as meet the requirements prescribed by the War Department.

The order also instructed each officer in charge and control of an armory to make arrangements to have returning National Guard units from his locality march to the armory with such escort, ceremony and welcome as might be proper for the occasion and required such officer to confer with the commanding officers of the returning organizations and make such mutual arrangements as might be possible to secure the return to the military service of the State of officers and men of their commands. In cases where such arrangements would provide two officers of the same grade for one position, the matter was to be decided by the officer authorized by law to make nominations for the position concerned who would adjust the difficulty in such manner that the best interests of the State would be conserved and both officers utilized in some capacity. Other things being equal, the officer who had had actual combat experience in the World War was to be given the preference. Where an adjustment satisfactory to all concerned could not be reached, the matter was to be referred, through the channel, to the Governor for decision.

On February 12, 1919, the War Department was notified that the State was organizing a military force to conform in all respects to the requirements of the Federal Government for National Guard troops and was requested to designate the particular units to be maintained in the State in accordance with the provisions of Section 60 of the Act of Congress of June 3, 1916, and on February 17, 1920, a reply was received from the Militia Bureau, War Department, in which it was stated that a schedule of organizations was being prepared and that as soon as the

appropriation bill then before Congress became a law, units would be designated to be organized in the State. This letter from the Militia Bureau further stated that the Bureau would appreciate any suggestions which this office cared to make concerning the units which the State of New York contemplated organizing. In reply this office advised the Militia Bureau, under date of February 20, 1919, that the State desired to organize National Guard troops to represent the units from the State which lost their identity as New York National Guard organizations by draft into Federal service and would be willing to organize such additional units as might be required of it by the War Department — such as a Tank Corps, Aero Squadron, etc. The Militia Bureau was also informed that the State desired to obtain the services of the officers and men who had served in the Army of the United States during the War with Germany and that to induce these men to join the National Guard the Act of Congress of June 3, 1916, should be amended by changing the period of enlistment from six years (3 years in active service and 3 years in the reserve) to one year.

On April 12, 1919, the Militia Bureau advised this office that, in order to provide a limited number of units of National Guard available for the maintenance of law and order, there had been allotted to the State four regiments of infantry, one squadron (four troops) of cavalry, and one coast defense command of twelve companies. On July 3, 1919, authority was requested of the Militia Bureau to federalize the entire New York Guard which request was disapproved. On July 15, 1919, this office requested permission to organize one battalion of Signal Corps troops; one regiment of Engineers; one regiment and one squadron of Cavalry; one regiment of Field Artillery; thirty-six companies of Coast Artillery organized into three Coast Defense Commands; four Field Hospitals; four Ambulance Companies; fifteen regiments and one battalion of Infantry, and the necessary brigade and division headquarters, troops and trains. This request was refused on July 18, 1919, but meanwhile and on July 16, 1919, the Militia Bureau allotted to the State four regiments of Infantry; one squadron of Cavalry; one regiment of Field Artillery; one regiment of Engineers; one battalion of

Signal Corps; one Engineer Train; one Sanitary Train, complete, and twelve companies of Coast Artillery which allotment included the units previously authorized under date of April 12, 1919.

On November 29, 1919, the Militia Bureau authorized the organization of the following units which authorization included the units previously allotted to the State on April 12 and July 16, 1916, viz.:

- One Infantry Division, complete, consisting of
 - 1 Division Headquarters,
 - 2 Brigade Headquarters, Infantry,
 - 1 Brigade Headquarters, Field Artillery,
 - 4 Regiments, Infantry,
 - 3 Regiments, Field Artillery, (2-75 mm.; 1-155 mm.),
 - 1 Regiment, Engineers,
 - 1 Battalion, Signal Corps,
 - 3 Separate Battalions, Infantry (To be converted into Machine Gun Battalions or other tactical units when such organizations are authorized for the Regular Army),
 - 1 Regiment, Cavalry,
 - 1 Engineer Train (Headquarters and Supply Sections only),
 - 1 Train Headquarters and Military Police,
 - 1 Headquarters, Field Hospital Train,
 - 1 Headquarters, Ambulance Train,
 - 4 Field Hospitals (motorized),
 - 4 Ambulance Companies (motorized),
 - 1 Ammunition Train (motorized),
 - 1 Supply Train (motorized),
- also the following additional units:
 - 1 Brigade Headquarters, Infantry,
 - 2 Regiments, Infantry,
 - 1 Battalion, Engineers Mtd. (for Cavalry Division),
 - 1 Separate Battalion, Infantry, (To be converted into Machine Gun Battalion or other tactical unit when such organizations are authorized for the Regular Army),
 - 36 Companies, Coast Artillery.

The New York Guard on November 29, 1919, the date of the last allotment of troops to the State, consisted of:

- 1 Division Headquarters,
- 4 Brigade Headquarters, Infantry,
- 14 Regiments, Infantry,
- 3 Regiments, Field Artillery,
- 1 Regiment, Engineers,
- 1 Battalion, Signal Corps,
- 1 Regiment, Cavalry,
- 1 Engineer Train (Hdqrs. and Supply Sections only),
- 1 Sanitary Train Headquarters, (authorized Oct. 30, 1919),
- 4 Field Hospitals,
- 3 Ambulance Companies,
- 3 Coast Defense Commands, consisting of 36 companies,
- 1 Squadron, Cavalry,
- 1 Machine Gun Battalion.

The following organizations of the New York Guard are in excess of the allotment:

- 1 Brigade Headquarters, Infantry,
- 8 Regiments, Infantry,
- 1 Squadron, Cavalry,
- 1 Machine Gun Battalion.

The State has had allotted to it the following organizations which are not now in existence:

- 1 Brigade Headquarters, Field Artillery,
- 4 Separate Battalions, Infantry, (To be converted into Machine Gun Battalions or other tactical units when such organizations are authorized for the Regular Army),
- 1 Battalion, Engineers, Mtd. (for Cavalry Division),
- 1 Train Headquarters and Military Police,
- 1 Ambulance Company,
- 1 Ammunition Train (motorized),
- 1 Supply Train (motorized).

Unless additional troops are allotted to the State, it will be necessary to disband or reorganize the surplus organizations in order to meet the requirements of the War Department. This will mean the elimination, under their present designations at least, of organizations which have served the Country with honor in the Civil and Spanish-American Wars and in the War with Germany.

FEDERAL RECOGNITION

Under the allotments of troops to the State by the War Department, the following organizations have been designated for Federal recognition:

2d Infantry, Troy, N. Y., with units at Troy, Schenectady, Cohoes, Saranac Lake, Plattsburg, Gloversville, Amsterdam, Whitehall, Glens Falls, Saratoga and Hoosick Falls.

3d Infantry, Syracuse, N. Y., with units at Syracuse, Auburn, Rochester, Geneva, Clyde, Oswego, Canandaigua, Newark, Pulaski, Medina, Brockport, Ogdensburg, Massena, Malone, Chateaugay and Watertown.

7th Infantry, New York City.

23d Infantry, Brooklyn, N. Y.

69th Infantry, New York City.

71st Infantry, New York City.

1st Field Artillery, New York City, with batteries in New York City, Syracuse and Binghamton.

2d Field Artillery, Brooklyn, with batteries in New York City and Brooklyn.

65th Field Artillery, Buffalo, N. Y.

22d Engineers, New York City.

1st Battalion, Signal Corps, New York City, with units in New York City and Brooklyn.

1st Cavalry, Brooklyn, N. Y., with units in Brooklyn, Buffalo, Albany, Syracuse, West New Brighton, Utica, Rochester and Geneseo.

New York Engineer Train, New York City.
 1st Field Hospital, New York City.
 2d Field Hospital, Albany, N. Y.
 3d Field Hospital, Brooklyn, N. Y.
 4th Field Hospital, Buffalo, N. Y.
 2d Ambulance Company, New York City.
 4th Ambulance Company, Syracuse, N. Y.
 8th Coast Defense Command (12 Companies), New York City.
 9th Coast Defense Command (12 Companies), New York City.
 13th Coast Defense Command (12 Companies), Brooklyn, N. Y.

When the first allotment of troops was made to the State, the period of enlistment in the National Guard was six years (3 years in active service and 3 years in the reserve). Many young men who would otherwise have joined the National Guard were unwilling to enlist for such a long period and accordingly on July 11, 1919, Congress amended the law so that now one-third of the enlistments are made for one year and the remaining two-thirds for three years without any service in the reserve. In addition the law now provides that persons who have served as enlisted men in the Army of the United States or in the Organized Militia subsequent to April 6, 1917, and who have been honorably discharged may within six months after such discharge or within six months of the passage of the law enlist for one year and may re-enlist for like periods.

The following units have been recognized by the War Department to date and it is expected that the remaining units designated for Federal recognition will be inspected and accepted by the War Department during the coming year:

Designation.	Date of Recognition.
Troop C, 1st Cavalry	June 30, 1919.
Troop F, 1st Cavalry	June 28, 1919.
Troop H, 1st Cavalry	Nov. 24, 1919.
Troop I, 1st Cavalry	Dec. 19, 1919.
Battery C, 1st Field Artillery	Nov. 24, 1919.
Battery F, 1st Field Artillery	Nov. 7, 1919.
Battery A, 2d Field Artillery	Dec. 12, 1919.
1st Co., 13th Coast Defense Command	Oct. 3, 1919.
3d Co., 13th Coast Defense Command	Oct. 7, 1919.
4th Co., 13th Coast Defense Command	Oct. 3, 1919.
5th Co., 13th Coast Defense Command	Oct. 28, 1919.
7th Co., 13th Coast Defense Command	June 27, 1919.
Machine Gun Co., 3d Infantry	Dec. 4, 1919.
Co. A, 3d Infantry	June 28, 1919.
Co. B, 3d Infantry	June 30, 1919.
Co. C, 3d Infantry	June 30, 1919.
Co. D, 3d Infantry	June 30, 1919.
Co. F, 3d Infantry	Nov. 25, 1919.

Designation.	Date of Recognition.
Co. G, 3d Infantry	Aug. 21, 1919.
Co. H, 3d Infantry	Aug. 21, 1919.
Co. K, 3d Infantry	Dec. 22, 1919.
Co. M, 3d Infantry	Sept. 29, 1919.
Supply Co., 71st Infantry	Dec. 16, 1919.
Machine Gun Co., 71st Infantry	Aug. 7, 1919.
Co. A, 71st Infantry	June 30, 1919.
Co. B, 71st Infantry	Aug. 7, 1919.
Co. C, 71st Infantry	Oct. 24, 1919.
Co. D, 71st Infantry	June 30, 1919.
Co. E, 71st Infantry	June 30, 1919.
Co. F, 71st Infantry	Oct. 24, 1919.
Co. G, 71st Infantry	Oct. 15, 1919.
Co. H, 71st Infantry	Nov. 11, 1919.
Co. I, 71st Infantry	Nov. 28, 1919.
Co. K, 71st Infantry	Dec. 16, 1919.
Co. L, 71st Infantry	Dec. 26, 1919.
Sanitary Detachment, 71st Infantry	Dec. 5, 1919.

The New York Guard did not conform in all respects as to organization, designation and location of units with the National Guard whose place it took. In some cases in order to distinguish them from their predecessors organizations were given new designations. The special arms of the service were attached to the brigades in whose territory they were located instead of being attached to Division Headquarters where they normally belonged. Companies had been organized in cities and villages where no armory facilities existed and where the population was not sufficient to maintain organizations in time of peace. These companies were formed for the emergency only and their members, in most cases, were anxious to disband as it was realized that the organizations could not be permanently maintained for the reasons stated above. The work of reorganization to conform to conditions which existed in the National Guard prior to the war and the work of disbandment of units formed for the emergency only is well under way. The following changes have been made during the past year:

(a) On February 3, 1919, Co. L, 23d Infantry, was transferred from Cedarhurst, N. Y., to Brooklyn.

(b) On May 22, 1919, Squadrons B, C, and D, Cavalry, N. Y. G., were reorganized and constituted a regiment of Cavalry, to be attached to Division Headquarters, and to be known and designated as the 1st Regiment, Cavalry, New York Guard.

The letter designation and location of the troops were announced as follows:

Old Designation	Station	New Designation
Troop A, Squadron C.....	Brooklyn.....	Troop A, 1st Cavalry
Troop B, Squadron D.....	Albany.....	Troop B, 1st Cavalry
Troop C, Squadron C.....	Brooklyn.....	Troop C, 1st Cavalry
Troop D, Squadron B.....	Syracuse.....	Troop D, 1st Cavalry
Troop E, Squadron C.....	Brooklyn.....	Troop E, 1st Cavalry
Troop F, Squadron C.....	West Brighton....	Troop F, 1st Cavalry
Troop G, Squadron D.....	Utica.....	Troop G, 1st Cavalry
Troop H, Squadron B.....	Rochester.....	Troop H, 1st Cavalry
Troop I, Squadron B.....	Buffalo.....	Troop I, 1st Cavalry
Troop K, Squadron C.....	Huntington.....	Troop K, 1st Cavalry
Troop B, Squadron C.....	Brooklyn.....	Troop L, 1st Cavalry
Troop M, Squadron B.....	Ashantee, Avon....	Troop M, 1st Cavalry

The Commanding Officer of the regiment was authorized to organize a headquarters troop, a supply troop, and a machine gun troop with station at Brooklyn, as a part of his command.

On June 13, 1919, the designation of Troop C was changed to Troop L and the designation of Troop L was changed to Troop C.

(c) On May 23, 1919, the Motor Machine Gun Battery, 1st Field Artillery, was detached from that regiment, reorganized and attached to Division Headquarters as the 1st Motor Machine Gun Company, New York Guard.

(d) On May 29, 1919, the station of the 11th Company, 13th Coast Artillery Corps was changed from Far Rockaway to Brooklyn.

(e) On June 28, 1919, in order to establish Battery A, 1st Field Artillery at Syracuse, the station formerly occupied by the National Guard battery bearing that designation, Battery A, located in New York City was disbanded and Co. S, 3d Infantry, located at Syracuse was detached from that regiment and reorganized as Battery A, 1st Field Artillery, N. Y. G.

(f) On June 28, 1919, Co. T, 3d Infantry, N. Y. G., Syracuse, was detached from that regiment and reorganized as the 4th Ambulance Co., N. Y. G., attached to Division Headquarters with station at Syracuse, that being the station of the former National Guard Ambulance Company bearing that designation.

(g) On June 30, 1919, the following organizations were

detached from the brigades indicated and attached to Division Headquarters:

Detached from 1st Brigade.

1st Battalion, Signal Corps;
Squadron A, Cavalry;
1st Field Artillery;
1st Field Hospital;
3d Ambulance Company.

Detached from 2d Brigade.

2d Field Artillery;
3d Field Hospital.

Detached from 3d Brigade.

2d Field Hospital.

Detached from 4th Brigade.

2d Ambulance Company.

(h) On July 14, 1919, Battery C, 1st Field Artillery, stationed at New York City, was disbanded and authority was granted to organize a new Battery C, at Binghamton, that being the station of the former National Guard battery bearing that designation.

(i) On July 31, 1919, the Supply Co., 10th Infantry, Oneida, N. Y., was redesignated as Co. H, 10th Infantry, N. Y. G., and on the same date authority was granted for the organization at Albany, N. Y., of a new Supply Company for the regiment.

(j) On August 1, 1919, the 1st, 2d, 3d, 65th and 74th Regiments of Infantry were reorganized and the 5th Battalion, Infantry, disbanded, as follows:

1ST INFANTRY

This regiment was reorganized by disbanding Co. F, Poughkeepsie, by redesignating certain companies, by authorizing the formation of a new company, and by transferring to it four companies of the 8th Coast Artillery Corps. The regiment as reorganized consisted of the following units, viz.:

New Designation	Location	Old Designation
Headquarters.....	Poughkeepsie.....	Headquarters
Headquarters Co.....	Poughkeepsie.....	Headquarters Co.
Supply Co.....	Kingston.....	Supply Co.
Machine Gun Co.....	Pine Plains.....	Company G
Sanitary Detachment.....	Middletown.....	.....

New Designation.	Location.	Old Designation.
Company A.....	White Plains.....	11th Co., 8th C. A. C.
Company B.....	White Plains.....	12th Co., 8th C. A. C.
Company C.....	Mt. Vernon.....	(New)
Company D.....	Nyack.....	Company D
Company E.....	Newburgh.....	Machine Gun Co.
Company F.....	Warwick.....	Company K
Company G.....	Yonkers.....	9th Co., 8th C. A. C.
Company H.....	Mt. Vernon.....	10th Co., 8th C. A. C.
Company I.....	Middletown.....	Company I
Company K.....	Poughkeepsie.....	Company E
Company L.....	Newburgh.....	Company L
Company M.....	Kingston.....	Company M

2D INFANTRY

This regiment was reorganized by authorizing the formation of a machine gun company at Schenectady, by reorganizing Company M at Hoosick Falls as a platoon of Company C, and by transferring to it Companies B, C and F, 5th Battalion, Infantry, the last two mentioned companies being transferred as platoons. The regiment as reorganized consisted of the following units, viz.:

New Designation.	Location.	Old Designation.
Headquarters.....	Troy.....	Headquarters
Headquarters Co.....	Troy.....	Headquarters Co.
Supply Co.....	Troy.....	Supply Co.
Machine Gun Co.....	Schenectady.....	(New)
Sanitary Detachment.....	Troy.....	Sanitary Detachment
Company A.....	Troy.....	Company A
Company B.....	Cohoes.....	Company B
Company C.....	Troy.....	Company C
Hoosick Falls Platoon, Co. C..	Hoosick Falls.....	Company M
Company D.....	Canajoharie.....	Company D
Company E.....	Schenectady.....	Company E
Company F.....	Schenectady.....	Company F
Company G.....	Gloversville.....	Company G
Company H.....	Amsterdam.....	Company H
Company I.....	Whitehall.....	Company I
Plattsburg Platoon, Co. I....	Plattsburg.....	Co. F, 5th Battalion.
Company K.....	Glens Falls.....	Company K
Company L.....	Saratoga Springs...	Company L
Company M.....	Saratoga Lake.....	Co. B, 5th Battalion
Tupper Lake Platoon, Co. M..	Tupper Lake.....	Co. C, 5th Battalion

3D INFANTRY

This regiment was reorganized by reorganizing and redesignating Companies E, I, K and L; by disbanding Company F,

located at Sonyea, and the platoon of the Supply Company, located at Syracuse; by authorizing the formation of a machine gun company at Rochester, a supply company at Auburn, and a platoon at Pulaski; and by transferring to the regiment Company F, 74th Infantry, and Companies A, D, E and G, 5th Battalion, Infantry, the latter two companies being transferred as platoons. The regiment as reorganized consisted of the following units, viz.:

New Designation.	Location.	Old Designation.
Headquarters	Syracuse	Headquarters
Headquarters Co.	Syracuse	Headquarters Co.
Supply Co.	Auburn	(New)
Newark Platoon, Supply Co. .	Newark	Newark Platoon Supply Co.
Machine Gun Co.	Rochester	(New)
Sanitary Detachment	Syracuse	Sanitary Detachment
Company A	Rochester	Company A
Company B	Geneva	Company B
Clyde Platoon, Co. B	Clyde	Clyde Platoon, Co. B
Company C	Syracuse	Company C
Company D	Oswego	Company D
Company E	Canandaigua	Company K
East Bloomfield Platoon, Co. E	East Bloomfield	Company L
Company F	Medina	Co. F, 74th Infantry
Brockport Platoon, Co. F	Brockport	Company I
Company G	Rochester	Company G
Company H	Rochester	Company H
Williamson Platoon, Co. H	Williamson	Williamson Platoon, Co. H
Company I	Ogdensburg	Co. D, 5th Battalion
Massena Platoon, Co. I	Massena	Company G, 5th Battalion
Company K	Malone	Company A, 5th Battalion
Chateaugay Platoon, Co. K	Chateaugay	Company E, 5th Battalion
Company L	Watertown	Company E
Pulaski Platoon, Co. L	Pulaski	(New)
Company M	Auburn	Company M

65TH INFANTRY

This regiment was reorganized as field artillery and designated as the 65th Field Artillery, N. Y. G., Companies K and L were disbanded and Companies E, I and M were transferred to the 74th Infantry. The formation of a new battery to be known as

Battery F was authorized. The regiment as reorganized consisted of the following units, viz.:

New Designation. (Field Artillery.)	Location.	Old Designation. (Infantry.)
Headquarters Co.....	Buffalo.....	Headquarters
Supply Co.....	Buffalo.....	Supply Co.
Battery A.....	Buffalo.....	Company F
Battery B.....	Buffalo.....	Company B
Battery C.....	Buffalo.....	Company G
Batt ry D.....	Buffalo.....	Company D
Battery E.....	Buffalo.....	Company A
Battery F.....	Buffalo.....	(New)

74TH INFANTRY

This regiment was reorganized by disbanding Companies N and T located at Albion and Buffalo, respectively; by redesignating Companies E, G, H, I, and M; by transferring to it Companies E, I, and M, 65th Infantry; by transferring Company F, Medina, to the 3d Infantry, and by authorizing the formation of a machine gun company at Buffalo. The regiment as reorganized consisted of the following units, viz.:

New Designation.	Location.	Old Designation.
Headquarters.....	Buffalo.....	Headquarters
Headquarters Co.....	Buffalo.....	Headquarters Co.
Supply Co.....	Buffalo.....	Supply Co.
Machine Gun Co.....	Buffalo.....	(New)
Sanitary Detachment.....	Buffalo.....	Sanitary Detachment
Company A.....	Buffalo.....	Company A
Company B.....	Buffalo.....	Company B
Company C.....	Buffalo.....	Company C
Company D.....	Buffalo.....	Company D
Company E.....	Jamestown.....	Co. E, 65th Infantry
Company F.....	Buffalo.....	Company E
Company G.....	Buffalo.....	Company I
Company H.....	Buffalo.....	Company M
Company I.....	Niagara Falls.....	Company G
Company K.....	Tonawanda.....	Company K
Company L.....	Niagara Falls.....	Company L
Company M.....	Niagara Falls.....	Company H
Company N.....	Olean.....	Co. I, 65th Infantry
Company O.....	East Aurora.....	Co. M, 65th Infantry

5TH BATTALION, INFANTRY

All of the companies of this battalion having been transferred to the 2d and 3d Regiment of Infantry, as above set forth, it was declared disbanded and ordered mustered out.

(k) On August 7, 1919, the Coast Artillery troops were reorganized as a Coast Artillery Corps of 36 companies assigned to 3 Coast Defense Commands and attached to Division Headquarters. The 13th Coast Artillery Corps was redesignated as the 13th Coast Defense Command, the 12 companies thereof retaining their numerical designations from 1 to 12, inclusive. The 9th Coast Artillery Corps was redesignated as the 9th Coast Defense Command, the 12 companies being given numerical designations from 13 to 24, inclusive. The 8th Coast Artillery Corps was redesignated as the 8th Coast Defense Command, the 12 companies being given numerical designations from 25 to 36, inclusive. And the station of the four companies located at Mt. Vernon being changed to the Armory of the Command in New York city. The Headquarters, Supply and Machine Gun Companies of the 9th and 13th Coast Artillery Corps and the Headquarters and Supply Companies of the 8th Coast Artillery Corps were disbanded.

(l) On August 27, 1919, authority was granted for the organization of Co. C, 1st Battalion, Signal Corps, New York city, with a detached platoon at Buffalo, and on the same date authority was granted for the organization of the 4th Field Hospital with station at Buffalo.

(m) On September 9, 1919, the order reorganizing the 2d Infantry was amended so as to make the designation of the units of that command as follows:

New Designation.	Location.	Old Designation.
Headquarters.....	Troy.....	Headquarters
Headquarters Co.....	Troy.....	Headquarters Co.
Supply Co.....	Troy.....	Supply Co.
Machine Gun Co.....	Schenectady.....	(New)
Sanitary Detachment.....	Troy.....	Sanitary Detachment
Company A.....	Troy.....	Company A
Company B.....	Cohoes.....	Company B
Company C.....	Troy.....	Company C
Company D.....	Canajoharie.....	Company D
Tupper Lake Platoon, Co. D..	Tupper Lake.....	Co. C, 5th Battalion

New Designation.	Location.	Old Designation.
Company E.....	Schenectady.....	Company E
Company F.....	Schenectady.....	Company F
Company G.....	Gloversville.....	Company G
Company H.....	Amsterdam.....	Company H
Company I.....	Whitehall.....	Company I
Plattsburg Platoon, Co. I....	Plattsburg.....	Co. F, 5th Battalion
Company K.....	Glens Falls.....	Company K
Company L.....	Saratoga.....	Company L
Saranac Lake Platoon, Co. L..	Saranac Lake.....	Co. B, 5th Battalion
Company M.....	Hoosick Falls.....	Company M

(n) On September 30, 1919, the 22d Regiment Engineers, was detached from the 1st Brigade and attached to Division Headquarters and on November 3, 1919, the Regiment was reorganized to conform to Tables of Organization, United States Army, as follows:

The Headquarters Company was reorganized and constituted the Regimental Headquarters Detachment, the band being continued as the Engineer Band, New York Guard, and attached to the 22d Engineers.

The Supply Company was detached from the Regiment and reorganized as the Division Engineer Train (Headquarters and Supply Sections only).

The Machine Gun Company was detached from the Regiment and reorganized as Company D, 1st Machine Gun Battalion, N. Y. G.

The lettered companies were consolidated as follows:

Companies A and G consolidated and designated Company A.

Companies B and H consolidated and designated Company B.

Companies C and I consolidated and designated Company C.

Companies D and K consolidated and designated Company D.

Companies E and L consolidated and designated Company E.

Companies F and M consolidated and designated Company F.

(o) On October 30, 1919, the organization of the following units was authorized:

Division Headquarters Troop, with station at armory, 1988 Broadway, New York City.

Sanitary Train Headquarters, with station at armory, 56 West 66th Street, New York City.

(p) On October 30, 1919, the station of the Machine Gun Troop, 1st Cavalry, was changed from Brooklyn to Buffalo and the station of Troop K, 1st Cavalry, was changed from Huntington, N. Y., to Brooklyn.

(q) On November 3, 1919, the 1st Machine Gun Battalion, N. Y. G., was organized consisting of two companies, the 1st Motor Machine Gun Company being designated as Company A of the Battalion and Company B being formed from the Machine Gun Company, 22d Engineers.

(r) On November 8, 1919, the 24th Company, 9th Coast Defense Command, was disbanded and the 12th Company, 13th Coast Defense Command, located at Far Rockaway, was assigned to the 9th Coast Defense Command and designated as the 24th Company thereof. The Commanding Officer, 13th Coast Defense Command, was authorized to organize a new 12th Company with station at Brooklyn.

(s) On November 21, 1919, the station of Troop M, 1st Cavalry, was changed from Ashantee, Avon, N. Y., to Geneseo.

(t) On December 16, 1919, Company M, 23d Infantry, located at Glen Cove was disbanded and the Commanding Officer of that Regiment was authorized to form a new Company M, with station at Brooklyn.

(u) On December 26, 1919, the following changes were made in the 2d Infantry, viz.: The Tupper Lake Platoon, Company D, was disbanded; Company D, located at Canajoharie, was reorganized as a platoon and designated as the Canajoharie Platoon, Company G, 2d Infantry; the Saranac Lake Platoon, Company L, was reorganized as a company and designated as Company D, 2d Infantry; and the Plattsburg Platoon, Company I, was detached from that Company and attached to Company D, 2d Infantry.

(v) In addition to the organizations mentioned above the following units were disbanded and ordered mustered out during the year on the dates indicated:

Designation.	Station.	Date.
Honeoye Falls Platoon, Co. L, 3d Infantry.....	Honeoye Falls.....	Jan. 8, 1919
Co. M, 4th Infantry.....	Groton.....	Feb. 3, 1919
Co. O, 4th Infantry.....	Penn Yan.....	Feb. 3, 1919
Friendship Platoon, Co. B, 4th Infantry.	Friendship.....	Feb. 3, 1919
Trumansburg Platoon, Co. D, 4th Infantry.....	Trumansburg.....	Feb. 3, 1919
Greene Platoon, Co. G, 4th Infantry....	Greene.....	Feb. 3, 1919
Bath Platoon, Co. K, 4th Infantry.....	Bath.....	Feb. 3, 1919
Fonda Platoon, Co. G, 2nd Infantry....	Fonda.....	Feb. 3, 1919
6th Battalion Infantry, with companies at South Hampton, Greenport, Islip, Patchogue, East Hampton, Sag Harbor and Quogue.....	East Hampton, L. I.....	Mar. 7, 1919

Designation.	Station.	Date.
Co. A, 1st Infantry.....	Pearl River and Spring Valley.....	Mar. 7, 1919
Co. B, 1st Infantry.....	Haverstraw.....	Mar. 7, 1919
Co. C, 1st Infantry.....	Suffern and Sloatsburg....	Mar. 7, 1919
Co. H, 1st Infantry.....	Milton and Marlboro.....	Mar. 7, 1919
Millerton Platoon, Co. G, 1st Infantry .	Millerton.....	Mar. 7, 1919
Co. I, 2d Infantry.....	Fort Edward.....	Mar. 7, 1919
Clifton Springs Platoon, Co. K, 3d Infantry.....	Clifton Springs.....	Mar. 22, 1919
Co. H, 10th Infantry.....	Cobleskill.....	Mar. 22, 1919
Co. N, 3d Infantry.....	Courtland.....	May 10, 1919
Co. R, 3d Infantry.....	Pulaski.....	May 10, 1919
Co. B, 4th Infantry.....	Wellsville.....	Sept. 2, 1919
Co. D, 1st Infantry.....	Nyack.....	Oct. 24, 1919
Co. A, 4th Infantry.....	Angelica.....	Dec. 13, 1919

RETURN OF MAJOR-GENERAL O'RYAN

Major-General John F. O'Ryan having returned from overseas and having been discharged as Commanding General, 27th Division, U. S. A., was, on March 31, 1919, placed in command of the New York Guard and directed to continue the reorganization of the State military forces as outlined in the report and recommendations of the committee on reorganization referred to in this report. Practically all of the officers who were on the Division Staff at the time that it entered Federal service resumed their former positions in the State service soon after General O'Ryan assumed command.

NATIONAL GUARD ENLISTMENTS

On December 29, 1919, New York Guard enlistments were discontinued and, under authority from the War Department, instructions were issued to make all future enlistments in the National Guard both for New York Guard and National Guard organizations. Men serving under National Guard enlistments in the New York Guard will be given credit in the National Guard for time so served as soon as the organizations of which they are members receive Federal recognition.

INSPECTION AND INVENTORY OF PROPERTY

In order to ascertain the condition of property in the possession of organizations and to secure an accurate inventory thereof,

the Commanding General, Division, was instructed on October 9, 1919, to detail the necessary officers for that purpose. Owing to the confusion incident to mobilization in 1916 and 1917 and the absence of accountable officers during the war, the property accounts of organizations are in a chaotic condition and this inventory and inspection will place this office in a position to adjust same. It is believed that a great deal of property now unaccounted for will be found in the possession of organizations. The work will not be completed for several months to come.

INSPECTION AND MUSTER .

An inspection and muster of organizations of the New York Guard, held under the supervision of the Commanding General, Division, to determine the general efficiency, fitness and availability of officers and enlisted men for service as National Guard has just been completed. Many of the organizations have made marked improvement during the year but, owing to lack of equipment and other conditions which have not been overcome, some of them cannot be considered as efficient. The improvement is especially noticeable in those organizations which officers and men who have had war experience have joined.

WORLD WAR RECORDS

New York has a record of each soldier from the State who served in the War of the Revolution, the War of 1812, the Mexican War, the Civil War and the Spanish-American War. It should have a record of each of its citizens who served in the War with Germany, and plans were made as soon as hostilities began to obtain such records. The War Department, however, shortly after troops began to be called to the Colors issued instructions that such records should not be furnished to the States after August 5, 1917. These instructions applied to Selective Service troops as well as to those of the National Guard.

New York acquiesced in this ruling of the War Department, but as soon as the armistice was signed this State as well as many others requested the Adjutant-General of the Army to furnish the records or to permit the State to make copies of same.

These requests were refused and on January 30, 1919, the Adjutant-General of the Army informed the Adjutant-General of Iowa that "The vast amount of labor that would necessarily be involved in any such attempt to respond to requests of this nature precludes this office from undertaking it. Data of any historical nature are now in course of compilation and will eventually be published, but it will never be found practicable to prepare and publish the military records of each and every individual who was in the United States Army during the period of hostilities."

Meanwhile, on January 14, 1919, a bill was introduced in Congress requiring the Adjutant-General of the Army and the Secretary of the Navy to furnish these records. This bill did not become a law, but the Adjutant-General of the Army having expressed a willingness to undertake the work should funds be made available therefor, Congress in July, 1919, appropriated \$3,500,000 for the purpose of furnishing to the Adjutant-Generals of the several States statements of service of all persons from those States who entered the military service during the War with Germany, and for the purpose of arranging and operating the Selective Service records which were then in dead storage at Washington. Congress will be asked to enact at its next session similar legislation with respect to the records of those who served in the Navy. The Commandant of the Marine Corps has agreed to furnish the records of those who served in that Corps within the next few months, and has stated that no legislation would be necessary.

The compilation of these records is a tremendous undertaking and it may be several years before the work is completed. Many of the States have already passed laws providing for publishing these records in book form for distribution to public libraries, veteran organizations and State officials, and the Legislature of this State will be requested to provide funds for like purpose as soon as the records are received.

WAR HISTORIES

Efforts were also made to obtain the history of each organization, composed in whole or in part of men from this State,

which served in the war. On August 11, 1919, the Historical Branch, War Plans Division, Washington, D. C., advised this office that brief histories of the divisions had been prepared but stated that it was not considered advisable to attempt to prepare histories of other organizations until the arrival of the archives from France and that the preparation of these histories after the archives arrived would be a slow matter on account of limited office force. A copy of the history of the 27th Division, U. S. A., was enclosed and is published herewith. No other histories have been received to date.

A BRIEF HISTORY OF THE TWENTY-SEVENTH DIVISION

(Prepared by the Historical Branch, War Plans Division, Washington, D. C.)

The Division was organized in compliance with War Department instructions at Camp Wadsworth, S. C., in September, 1917. The New York National Guard as its nucleus, the following units being used:

1st, 2d, 3d, 7th, 12th, 14th, 23d, 71st and 74th N. Y. Inf., Squadron A, 1st N. Y. Cavalry;
1st, 3d N. Y. Field Artillery;
22d N. Y. Engineers;
1st Bn. N. Y. Signal Corps;
N. Y. Ammunition Train;
N. Y. Supply Train;
N. Y. Sanitary Train;
N. Y. Headquarters and Military Police, 6th N. Y. Div. Hq. Troop.

The Division embarked for overseas at Newport News, Va., the first unit sailing on May 8th and the last arriving in France, July 7, 1918.

It was ordered to a training area and later entered the line with British units opposite Mt. Kemmel. On August 20th a move was made to the Dickebush Sector, Belgium, which was occupied next day. On August 31st the Division was a front-line division in the attack on Vierstaadt Ridge, the 30th U. S. Division on its left, 34th British Division on its right.

As a part of the 2d Corps (U. S.), 4th British Army, the Division was in action near Bony, September 24th to October 1st. On October 12th it again entered the line in the St. Sup-

piet Sector, crossing the Seille river in the attack on the Jone de Mer Ridge.

Major-General John O'Ryan, New York National Guard, commanded the Division from its organization until mustered out.

The Division insignia is a black circle with a red border in which are the letters NYD in monogram, surrounded by the seven stars of the constellation Orion.

The Division captured from the enemy the following: 2,358 prisoners and advanced 11 kilometers against resistance. During active operations it suffered the following losses: Killed, 1,791; wounded, 9,427; prisoners, 3 officers and 225 men.

One hundred and thirty-nine Distinguished Service Crosses have been awarded members of the Division.

The following organizations composed the Division:

- 105th, 106th, 107th, 108th Regts. Infantry;
- 104th, 105th, 106th Machine Gun Battalions;
- 104th, 105th, 106th Field Artillery Regts.;
- 102d Trench Mortar Battery;
- 102d Engineers;
- 102d Field Signal Battalion;
- 102d Headquarters Train and Military Police;
- 102d Ammunition Train;
- 102d Supply Train;
- 102d Sanitary Train, consisting of 105th, 106th, 107th, 108th, Amb. Cos.,
- and 105th, 106th, 107th, 108th Field Hospitals;
- 102d Engineer Train.

EXTRACTS FROM GENERAL PERSHING'S CABLED COMMUNIQUE RELATING TO THE TWENTY-SEVENTH DIVISION

May 17, 1917. Reference your cablegram 1,217 par. 1. It is understood that following divisions are assigned to Third Corps: 3d, 5th, 27th, 33d and 78th. Please repeat designation of other divisions.

Sept. 1, 1918. "Patrols along front of 27th Division active, capturing 1 officer and men. Our own and enemy artillery active."

Sept. 26, 1918. 27th Division reported at 9:00 o'clock evening Sept. 25th: "Have taken over forward sector from British Division."

Sept. 27, 1918. It was reported at 11:45 A. M. Sept. 27th, 107th Regiment of the 27th U. S. Division attacked with limited objectives this morning east of Bellicourt in order to straighten out the line, they reached all objectives.

Sept. 28, 1918. It was reported at 11:30 o'clock evening *Sept. 27th*: Attack today by 27th and 30th U. S. Divisions with limited objectives, West of Lecatelet successful. 27th Division line advanced 1,000 yards on front of 4,000 yards. 30th Division line advanced 200 yards on front of 1,500 yards. American hold Quennemont Farm, Gillemont Farm and the knoll, Southwest of Lecatelet. Enemy regained the knoll by a counterattack, but the position was recaptured by us. We made 200 prisoners on this front."

Sept. 29, 1918. 27th Division reported at 9 p. m., *Sept. 28th.* Enemy still hold portion of trench system captured by us yesterday. Prisoners now total 298 inclusive 8 officers. Our casualties 412.

Sept. 30, 1918. 27th and 30th U. S. Divisions are reported to have crossed the Canal Tunnel and to have taken many prisoners.

Sept. 29, 1918. It was reported at 8 o'clock evening *Sept. 29th*: "27th and 30th U. S. Division cooperating with British north of St. Quentin attacked at 6 o'clock morning, crossing Hindenburg 1st line and the St. Quentin canal, 27th Division captured Bony and Lecatelet; 30th Division captured Bellicourt and Nauroy. All immediate objectives reached by noon."

Oct. 13, 1918. 27th Division reported evening *Oct. 12th*: Enemy resistance increased in St. Benin St. Suoplet, sector.

Oct. 19, 1918. 27th Division reported evening *Oct. 18th*: "53d Brigade attacked in conjunction with the British this morning and advanced about 500 yards. Enemy counterattack at 1:00 p. m., afternoon stopped temporary further progress. Enemy's resistance has increased."

March 27, 1919. Battle Engagements of 27th Division. (1) Dickebusch Lake and Scherpenberg sectors, Belgium, 9 July-30 Aug. 1918 organizations entitled to silver bands on their regimental color staffs: 105th Regt. Infantry, 106th Regt. Infantry, 107th Regt. Infantry, 108th Regt. Infantry, 102d Regt. Engineers, 104th Machine Gun Bn., 105th Machine Gun Bn., 106th Machine Gun Bn., 102d Field Signal Bn. (2) Ypres-Lys Offensive, Belgium 31 Aug.-2 Sept. 1918. Organizations entitled to silver band: Same as in (1). (3) Somme Offensive,

France, 24 Sept.-20 Oct. 1918. Organizations entitled to silver bands: Same as in (1). (4) Meuse-Argonne Offensive, France, 26 Sept.-11 Nov. 1918. Organizations entitled to silver bands: 104th Regt. Field Artillery, 105th Regt. Field Artillery, 106th Regt. Field Artillery.

COLORS AND STANDARDS

In the latter part of 1918 the War Department issued instructions to the effect that upon the disbanding of organizations which were originally National Guard or National Army organizations, their colors or standards and guidons were to be delivered into the custody of the States from which the majority of the men originally came at the time the organizations were formed, the United States, however, retaining title thereto. The Legislature at its next session will be requested to provide funds for furnishing a suitable flag room in the Capitol for the display of these colors and standards and for the display of the battle flags of previous wars. Under the instructions referred to above the following colors and standards have been received to date:

- 11th Engineers, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 25th Engineers, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 1 National Color, service.
- 29th Engineers, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 501st Engineers, U. S. A.;
 - 2 Regimental Colors, Silk.
 - 1 National Color, Service.
- 303d Field Signal Battalion, U. S. A.;
 - 1 National Standard Silk.
 - 1 Battalion Standard, Silk.
 - 1 National Standard, Service.
- 106th Field Artillery, U. S. A.;
 - 1 National Standard, Silk.
 - 1 Regimental Standard, Silk.
 - 1 National Standard, Service.
- 304th Field Artillery, U. S. A.
 - 1 National Standard Silk.
 - 1 Regimental Standard, Silk.
 - 1 National Standard, Service.
- 305th Field Artillery, U. S. A.
 - 1 National Standard Silk.
 - 1 Regimental Standard, Silk.

- 309th Field Artillery, U. S. A.;
 - 1 National Standard, Silk.
 - 1 Regimental Standard, Silk.
 - 2 National Standards, Service.
- 58th Coast Artillery, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 2 National Colors, Service.
- 2d Pioneer Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 4 National Colors, Service.
- 51st Pioneer Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 53d Pioneer Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 2d Anti-Aircraft Machine Gun Battalion, U. S. A.;
 - 1 National Standard, Service.
- 303d Ammunition Train, U. S. A.;
 - 6 Guidons, Service.
- 108th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 303d Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 306th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 2 National Colors, Service.
- 307th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 1 National Color, Service.
- 308th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 309th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
- 310th Infantry, U. S. A.;
 - 1 National Color, Silk.
 - 1 Regimental Color, Silk.
 - 3 National Colors, Service.

SERVICE MEDALS

Mexican Border. Chapter 204 of the Laws of 1919 provides that the Adjutant-General of the State shall cause to be prepared and shall distribute a suitable service badge and ribbon to each officer and enlisted man of the National Guard of New York who served in the field for more than ten days under the orders of the Governor, dated June 19, 1916, directing the organizations of which they were members to be assembled preparatory

to their muster into the service of the United States for Mexican border duty and to each officer and enlisted man who resided in the State of New York at time of enlistment and served in the Army, Navy or Marine Corps of the United States on the Mexican Border or in Mexico between June 18, 1916, and April 5, 1917. If any such officer or enlisted man be deceased, the badge and ribbon to which he would be entitled shall be delivered to his proper legal representatives.

Under this law 50 designs were submitted to this office by artists from various sections of the country. The one submitted by the Bailey, Banks & Biddle Company of Philadelphia, Pa., was adopted. The obverse of the medal will bear a representation of the Aztec god of war, Huitzilopochtli, and on the reverse will appear the coat of arms of the State with the words "Mexican Border Service, 1916-1917. Presented by the State of New York." The colors of the ribbon will be red, blue, yellow, green (center), yellow, blue and red, in the order named.

Bids for making the medals have been opened and the contract will be let within the next few days.

About 25,000 soldiers are entitled to this medal.

World War. Chapter 122 of the Laws of 1919 appoints a board consisting of the Governor, Adjutant-General and Chief of the Bureau of War Records to design and purchase bronze medals of honor and to adopt a suitable service ribbon as a mark of distinction and honor for all citizens of this State who entered the service of the United States in the War with the German Empire and its allies. The law provides that the bronze medals shall be presented by the State to the persons mentioned above or to the family of such of them as shall have died after entering such service.

Over 100 designs were submitted for this medal, the board adopting the one submitted by Captain Charles J. Dieges, 27th Division, U. S. A., of the firm of Dieges & Clust, New York city. The face of the medal presents the figure of the typical American soldier. In the background is a figure representing Liberty and Humanity draped in an American flag. In the distance are shown battleships, destroyers and transports, representing the Navy. The words "World War" balance the design.

The reverse of the medal shows the official seal of the State in the upper center, relieved by a wreath of laurel and oak. Superimposed on this wreath are the names of the countries in which American soldiers fought. The reverse also bears the inscription, "For service, 1917-1919. Presented by the State of New York." The colors of the ribbon will be blue, white, blue (center), white and blue, in the order named.

Bids for making this medal will be advertised for within a short time. At least 500,000 persons are entitled to this medal.

HOME DEFENSE RESERVE

On April 25, 1917, the Governor authorized the organization of the Home Defense Corps under section 5-a of the Military Law. Later the designation was changed to the Home Defense Reserve of New York State. This organization was a local auxiliary police reserve under the control of the Governor as commander-in-chief and was intended solely as a local police guard. The units were not to be used outside of the county in which organized. Arms, uniforms and equipment were not issued to it by the State other than a few Ross rifles in 1918. The units were equipped and maintained either by voluntary contributions or under chapter 235 of the Laws of 1917, which authorized a county, city, town or village to provide arms, uniforms and equipment for military organizations raised within the municipality. Its members were enrolled for the period of the emergency and the Governor had authority to terminate the liability under the enrollment oath at any time. Soon after the armistice was signed these organizations began to be mustered out and at present very few of them are in existence. Chapter 212 of the Laws of 1919 prescribes that all property in the possession of such organizations provided by or purchased from funds appropriated by a county, city, town or village shall be disposed of upon disbandment in a manner to be prescribed by the governing board of the municipality which provided the property or appropriated the funds from which it was purchased and further prescribes that all other property and funds in the possession of said organizations shall be disposed of upon disbandment in such

manner as may be prescribed by a two-thirds vote of all of the members of the organization concerned in good standing at the time of disbandment. The following tabulation gives a list of Home Defense Reserve units and shows in most cases the date of disbandment and muster out.

HOME DEFENSE RESERVE UNITS

Co. No.	Location	Muster-in	Disbandment and
			Muster-out
75.....	Carmel.....	Oct. 12, 1917	Jan. 30, 1919
76.....	Phillipstown.....	Sept. 7, 1917	July 4, 1919
77.....	Ossining.....	.....	.....
78.....	Yonkers.....	July 11, 1917	.....
88.....	Baldwin.....	June 23, 1917	May 28, 1919
89.....	Freeport.....	June 26, 1917	July 17, 1919
90.....	Locust Valley.....	Mar. 17, 1918	Feb. 24, 1919
91.....	Merrick.....	July 10, 1917	Feb. 14, 1919
92.....	Port Washington.....	June 6, 1917	April 10, 1919
93.....	Rockville Center.....	July 2, 1917	Feb. 13, 1919
94.....	Valley Stream.....	July 16, 1917	Feb. 24, 1919
95.....	Amityville.....	July 26, 1917	Feb. 20, 1919
96.....	Bellport.....	.....	.....
97.....	Cold Springs Harbor.....	July 19, 1917	April 12, 1919
98.....	Smithtown Branch.....	Aug. 16, 1917	April 15, 1919
99.....	Westhampton Beach.....	July 23, 1918	Feb. 4, 1919
109.....	Ellenburg.....	.....	Disbanded
110.....	Chatham.....	May 14, 1917	.....
111.....	Hillsdale.....	June 14, 1917	Feb. 17, 1919
112.....	Delhi.....	Sept. 14, 1917	May 1, 1919
113.....	Dover Plains.....	April 17, 1917	Disbanded
114.....	Hyde Park.....	June 4, 1917	Feb. 1, 1919
115.....	Rhinebeck.....	.....	Mar. 6, 1919
116.....	Stamford.....	April 21, 1917	Jan. 30, 1919
117.....	Wappingers Falls.....	July —, 1917	April 9, 1919
118.....	Bloomington.....	.....	.....
119.....	Crown Point.....	Aug. 4, 1917	Jan. 8, 1919
120.....	Port Henry.....	Aug. 1, 1917	Feb. 10, 1919
121.....	Ticonderoga.....	.....	Feb. 28, 1919
122.....	North Bangor.....	.....	Disbanded.
123.....	Catskill.....	May 29, 1917	.....
124.....	Tannersville.....	.....	Disbanded.
125.....	Dolgeville.....	July —, 1917	.....
126.....	Herkimer.....	June —, 1917	Jan. 28, 1919
127.....	Poland.....	Aug. —, 1917	Disbanded.
128.....	Salisbury Center.....	July 10, 1917	Mar. 10, 1919
129.....	Hamilton.....	July 9, 1917	Jan. 27, 1919

Co. No.	Location	Muster-in	Disbandment and
			Muster-out
130.....	Fort Plain.....		
131.....	St. Johnsville.....	July 17, 1917	April 8, 1919
132.....	Boonville.....	Sept. 18, 1917	July 11, 1919
133.....	Camden.....	Nov. 18, 1917	
134.....	Chadwicks.....		
135.....	Clinton.....		June 17, 1919
136.....	Oriskany Falls.....	Aug. 23, 1917	May 31, 1919
137.....	Waterville.....	May 28, 1917	May 30, 1919
138.....	Chester.....	June 27, 1917	Mar. 11, 1919
139.....	Cornwall.....	July 27, 1917	Aug. 15, 1919
140.....	Goshen.....	Aug. 14, 1917	Feb. 4, 1919
141.....	Montgomery.....	Aug. 23, 1917	Mar. 1, 1919
142.....	Tuxedo Park.....	June 25, 1917	Feb. 8, 1919
143.....	Washingtonville.....	July 12, 1917	Feb. 13, 1919
144.....	Castleton.....	Aug. 22, 1917	July 28, 1919
145.....	Clifton.....		Disbanded.
146.....	Mechanicville.....		Disbanded.
147.....	Saratoga Springs.....	July 22, 1917	Feb. 7, 1919
148.....	Callicoon.....	July 10, 1917	June 10, 1919
149.....	Jeffersonville.....	May 27, 1918	June 9, 1919
150.....	Liberty.....	Aug. 3, 1917	Mar. 28, 1919
151.....	Livingston Manor.....	Aug. 4, 1917	April 11, 1919
152.....	Monticello.....	May 29, 1917	
153.....	Roscoe.....	April 14, 1918	April 3, 1919
154.....	Ellenville.....	Aug. 4, 1917	Feb. 17, 1919
155.....	Saugerties.....	Aug. 8, 1917	Feb. 6, 1919
156.....	Bolton Landing.....	May 15, 1918	Feb. 12, 1919
157.....	Lake George.....	May 14, 1918	
158.....	Luzerne.....	July 16, 1918	Mar. 7, 1919
159.....	Warrensburgh.....	July 15, 1917	Feb. 17, 1919
160.....	Alfred.....		Disbanded.
170.....	Binghamton.....	Dec. 6, 1917	Feb. 10, 1919
171.....	East Randolph.....	Aug. 8, 1917	Jan. 30, 1919
172.....	Ellicottville.....	Aug. 10, 1917	May 31, 1919
173.....	Randolph.....	Aug. 17, 1917	Aug. 22, 1919
174.....	South Dayton.....	Aug. 3, 1917	April 17, 1919
175.....	Auburn.....	April 10, 1919	Jan. 25, 1919
176.....	Port Byron.....	July 18, 1917	
177.....	Falconer.....		Disbanded.
178.....	Fredonia (Pomfret).....	July —, 1917	Feb. 3, 1919
179.....	Elmira.....	July 2, 1917	April 14, 1919
180.....	Norwich.....	Sept. 12, 1917	Feb. 5, 1919
181.....	Courtland.....	Nov. 20, 1917	Feb. 20, 1919
182.....	McGraw.....	June —, 1917	Feb. 11, 1919
183.....	Buffalo.....	July 24, 1917	Feb. 13, 1919
184.....	Buffalo.....	Aug. 28, 1917	Feb. 13, 1919
185.....	Buffalo.....	Aug. 21, 1917	Feb. 13, 1919

Co. No.	Location	Disbandment and	
		Muster-in	Muster-out
186.....	Buffalo.....	Aug. 15, 1917	Feb. 13, 1919
187.....	Buffalo.....	Aug. 20, 1917	Jan. 26, 1919
188.....	Buffalo.....	June —, 1917	Feb. 22, 1919
189.....	Buffalo.....	——, 1917	Feb. 11, 1919
190.....	Buffalo.....	.....	Feb. 3, 1919
191.....	Buffalo.....	Aug. 13, 1917	Feb. 14, 1919
192.....	Buffalo.....	Sept. 14, 1917	Feb. 12, 1919
193.....	Buffalo.....	Aug. 31, 1917	Feb. 13, 1919
194.....	Buffalo.....	Aug. 28, 1917	Feb. 13, 1919
195.....	Kenmore.....	June 8, 1917	Feb. 25, 1919
196.....	Tonawanda.....	Aug. 3, 1917	Feb. 4, 1919
197.....	Depew.....	.....	Feb. 18, 1919
197.....	Batavia.....	Sept. 11, 1917	Mar. 3, 1919
198.....	Elba.....	June 18, 1918	June 27, 1919
199.....	Stafford.....	Oct. 2, 1917	Mar. 12, 1919
200.....	Caledonia.....	May 20, 1918	.....
201.....	East Rochester.....	.....	Disbanded.
202.....	Rochester.....	.....	Disbanded.
203.....	Spencerport (Ogden).....	Aug. 9, 1917	Mar. 5, 1919
204.....	Lewiston.....	Sept. 1, 1917	Jan. 18, 1919
205.....	Lockport.....	July 30, 1917	Oct. 4, 1919
206.....	Lockport.....	July 30, 1917	Jan. 13, 1919
207.....	Lockport.....	July 30, 1917	Mar. 21, 1919
208.....	Lockport.....	July 30, 1917	July 26, 1919
209.....	Lockport.....	.....	.....
210.....	Newfane.....	June 28, 1917	Jan. 13, 1919
211.....	Niagara Falls.....	June 7, 1917	Jan. 11, 1919
212.....	North Tonawanda.....	.....	Jan. 10, 1919
213.....	North Tonawanda.....	June 22, 1917	Jan. 10, 1919
214.....	North Tonawanda.....	July 14, 1917	.....
215.....	Sanborn, Pekin.....	July 17, 1917	.....
216.....	Wilson.....	July 17, 1917	Mar. 11, 1919
217.....	Bristol.....	.....	.....
218.....	Clifton Springs.....	May 15, 1917	.....
219.....	Fishers.....	June 18, 1917	.....
220.....	Phelps.....	May 28, 1917	April 21, 1919
221.....	Shortsville.....	Mar. 27, 1917	Feb. 5, 1919
222.....	Victor.....	July 25, 1917	Jan. 30, 1919
223.....	Holley.....	Oct. 22, 1917	May 31, 1919
224.....	Kendell.....	April 7, 1917	Jan. 27, 1919
225.....	Mexico.....	Aug. 10, 1917	Feb. 7, 1919
226.....	Pulaaski.....	.....	.....
227.....	Odessa.....	June 22, 1918	May 31, 1919
228.....	Valois.....	June 25, 1917	Mar. 11, 1919
229.....	Campbell.....	May —, 1917	Dec. 13, 1918
230.....	Corning.....	July 3, 1917	July 17, 1919
231.....	Candor.....	Feb. 15, 1917	.....

Co. No.	Location	Muster-in	Disbandment and
			Muster-out
232.....	Lyons.....		
233.....	Arcade.....	July 31, 1917	
234.....	Attica.....		
235.....	Castile.....		
236.....	Perry.....	July 20, 1917	May 23, 1919
237.....	Dundee.....		
238.....	La Salle.....		July 28, 1919
Elks.....	Stapleton.....		Aug. 21, 1919
Ambulance			
Corps.....	Poughkeepsie.....	June 10, 1918	Feb. 20, 1919
Ambulance			
Corps.....	Kingston.....	June 18, 1918	May 8, 1919
Ambulance			
Corps.....	Lewiston.....		Jan. 18, 1919
Ambulance			
Corps.....	Saranac Lake.....		
Ambulance			
Corps.....	Geneva.....		April 23, 1919

APPENDICES

Financial statement is transmitted herewith as appendix A; Statement of strength of the New York Guard on January 1, 1919, as appendix B; Statement of strength of the New York National Guard and New York Guard on December 31, 1919, as appendix C; Report of Brigadier-General F. DeForest Kemp, covering duty performed by the Provisional Brigade, N. Y. G., as appendix D; and Statement showing officers from this State who died in the Army and Marine Corps of the United States during the war with Germany, as Appendix G.

Respectfully,

C. W. BERRY,
The Adjutant-General.

APPENDIX A

FINANCIAL STATEMENT OF APPROPRIATIONS AND EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1919

EXPENDITURES, JULY 1, 1918, TO JUNE 30, 1919							
FUNDS AVAILABLE							
Chapter number of appropriations	Appropriations available July 1, 1918	Balance of appropriations 1917-1918	Total appropriations available July 1, 1918	Expenditures to June 30, 1919	Balances lapsed	Total expenditures and lapses to June 30, 1919	Balance June 30, 1919
ADJUTANT GENERAL'S OFFICE — PERSONAL SERVICE:							
151-1	\$14,660 00	\$708 34	\$15,368 34	\$13,536 04	\$708 34	\$14,244 38	\$1,123 96
151-1	10,980 00	435 00	11,415 00	10,128 36	435 00	10,563 36	851 64
151-1	14,280 00	2,101 09	16,381 09	13,407 50	2,101 09	15,508 59	872 50
151-1	4,340 00	850 00	5,690 00	4,840 00	850 00	5,690 00	.....
151-1	2,880 00	.....	2,880 00	2,020 00	.....	2,620 00	260 00
151-1	11,380 00	.....	11,380 00	11,186 10	.....	11,186 10	193 90
151-1	5,320 00	.....	5,320 00	5,245 00	.....	5,245 00	75 00
.....	.....	41 07	41 67	.....	41 67	41 67	.....
557	3,600 00	181 13	3,600 00	3,200 00	181 13	3,200 00	400 00
151-1	2,000 00	.....	2,000 00	1,795 84	.....	1,795 84	204 16
Total, personal service.....				\$65,958 84	\$4,317 23	\$70,276 07	\$3,981 16
MAINTENANCE AND OPERATION:							
151-1	\$750 00	\$5,412 50	\$6,162 50	\$39 27	\$463 80	\$39 27	\$710 73
151-1	10,000 00	537 95	10,537 95	9,050 25	537 95	9,588 45	950 75
151-1	1,500 00	844 06	2,344 06	2,037 85	34 33	1,232 42	1,051 63
151-1	1,500 00	163 00	1,663 00	1,501 75	35 30	1,537 05	125 95
151-1	2,000 00	1,027 17	3,027 17	2,283 21	633 82	2,917 08	110 14
151-1	3,500 00	703 15	4,203 15	3,291 18	180 48	3,471 66	731 49
151-1	1,200 00	1,077 72	2,277 72	1,196 23	170 48	1,366 71	911 01
151-1	1,500 00	.....	1,500 00	812 50	.....	812 50	687 50
Total, maintenance and operation.....				\$19,401 88	\$1,963 67	\$21,365 55	\$11,849 89

FINANCIAL STATEMENT OF APPROPRIATIONS AND EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1919 —
(Continued)

EXPENDITURES, JULY 1, 1918, TO JUNE 30, 1919								
FUNDS AVAILABLE								
Chapter number of appropriations	Appropriations available July 1, 1918	Balance of 1917-1918 appropriations	Total appropriations available July 1, 1918	Expenditures to June 30, 1919	Balances lapsed	Total expenditures and lapses to June 30, 1919	Balance June 30, 1919	
UNCLASSIFIED:								
Inauguration of Gov. Whitman.....	181-2	.....	\$48 60	.....	\$48 60	\$48 60	\$12,286 73
Inauguration of Gov. A. E. Smith.....	177-2	\$15,000 00	15,000 00	\$2,713 27	.....	2,713 27	.....
Preparation of World's War Records, N. Y. State Troops.....	177-2	25,000 00	25,000 00	.....	.....	.....	25,000 00
Service Badges and Ribbons, Mexican Border Duty.....	204	1,000 00	1,000 00	.....	.....	.....	1,000 00
Total, unclassified.....	.....	\$41,000 00	\$41,048 60	\$2,713 27	\$48 60	\$2,761 87	\$38,286 73
STATE ARSENAL, N. Y. CITY — PERSONAL SERVICE:								
General division, salaries, regular.....	151-1	\$11,100 00	\$1,565 00	\$12,665 00	\$10,360 00	\$1,565 00	\$740 00	
Operation, wages, regular.....	151-1	4,480 00	230 00	4,710 00	4,480 00	230 00	.....
Stores, clerical, salaries, regular.....	151-1	9,580 00	2,433 51	11,953 51	9,035 67	2,433 51	484 33	
Stores, physical, wages, regular.....	151-1	11,600 00	613 39	12,213 39	10,762 78	613 39	837 22	
War record bureau.....	151-1	1,200 00	83 34	1,283 34	1,200 00	83 34	.....
Salaries, temporary.....	.....	.....	188 36	188 36	.....	188 36	.....
Total, personal service.....	.....	\$37,900 00	\$5,113 60	\$43,013 60	\$36,838 45	\$5,113 60	\$2,061 55
MAINTENANCE AND OPERATION:								
Fuel, light, power and water.....	151-1	\$1,800 00	\$66 33	\$1,866 33	\$1,594 40	\$53 61	\$928 32	
Printing.....	151-1	500 00	42 05	542 05	440 80	35 05	66 20	
Advertising.....	151-1	250 00	24 08	274 08	138 80	24 08	111 20	
Equipment.....	151-1	2,050 00	1,452 14	3,502 14	1,715 20	604 63	1,122 31	
Supplies.....	151-1	1,900 00	2,223 40	2,223 49	2,007 13	156 68	1,122 31	

FINANCIAL STATEMENT

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Traveling expenses.	151-1	250 00	81	250 00	81	203 02	81	46 98
Materials.	151-1	4,500 00	111 66	4,611 66	2,949 21	2,980 70	203 02	1,630 96
Contingencies.	151-1	700 00	201 00	201 00	1 50	201 00	598 38	101 62
General plant service.	151-1	700 00	201 00	700 00	598 38	598 38	598 38	101 62
Total, maintenance and operation.		\$11,950 00	\$2,221 56	\$14,171 56	\$9,638 44	\$1,105 85	\$10,804 29	\$3,367 27
DIVISION HEADQUARTERS — PERSONAL SERVICE:								
Salaries, regular.	644-2	\$10,370 00	\$34,914 14	\$45,284 14	\$7,222 64	\$34,914 14	\$42,136 78	\$3,147 36
MAINTENANCE AND OPERATION:								
Printing.	644-2	625 00	2,493 94	3,118 94	92 00	2,493 94	2,585 94	533 00
Equipment.	644-2	450 00	1,421 21	1,871 21	22 30	1,414 21	1,436 51	434 70
Supplies.	644-2	525 00	1,602 92	2,127 92	67 07	1,599 42	1,607 09	480 83
Traveling expenses.	644-2	1,375 00	5,172 74	6,547 74	547 37	4,864 20	5,211 57	1,336 17
Communication.	644-2	925 00	2,364 77	3,289 77	284 78	2,364 77	2,649 55	640 22
Total, division headquarters.		\$14,270 00	\$47,909 72	\$62,239 72	\$8,236 76	\$47,450 68	\$55,687 44	\$6,552 28
NEW YORK GUARD — PERSONAL SERVICE:								
Salaries, temporary.	151-1	\$34,000 00	\$25,693 76	\$59,693 76	\$15,920 04	\$22,375 03	\$38,195 07	\$21,498 69
Civilian stenographers.	151-1	1,000 00	.....	1,000 00	28 00	.....	28 00	972 00
Rangekeepers.	151-1	3,400 00	.....	3,400 00	2,400 00	.....	2,400 00	1,000 00
Total, personal service.		\$38,400 00	\$25,693 76	\$64,093 76	\$18,248 04	\$22,375 03	\$40,623 07	\$23,470 69
MAINTENANCE AND OPERATION:								
Equipment.	151-1	\$45,000 00	\$235,552 11	\$330,552 11	\$323,393 70	\$459 92	\$323,853 62	\$6,698 49
Supplies.	151-1	20,500 00	47,049 37	67,549 37	58,091 20	365 28	58,456 48	9,092 80
Traveling expenses.	151-1	12,500 00	8,168 47	20,668 47	15,842 44	3,308 93	19,151 37	1,517 10
Communication.	151-1	1,500 00	.....	1,500 00	1,281 04	.....	1,281 04	218 96
Fixed charges and contributions:								
Allowance to headquarters.	151-1	45,000 00	17,353 89	62,353 89	42,125 00	3,828 89	45,953 89	16,400 00
Allowance to officers and organizations.	151-1	150,000 00	82,670 08	232,670 08	205,816 32	21,776 09	227,592 41	5,077 67
Allowance for mounted drill.	151-1	53,500 00	47,625 00	101,125 00	41,750 00	46,875 00	58,625 00	12,500 00
Prices, small arms firing.	151-1	2,000 00	2,000 00	4,000 00	72 00	2,000 00	2,072 00	1,928 00
Pensions and disability claims.	151-1	1,000 00	8,559 05	23,559 05	12,897 63	6,232 22	19,129 85	4,429 20
Decorations, long and faithful service.	151-1	10,000 00	.....	10,000 00	2,168 50	.....	2,168 50	7,831 50
General plant service.	151-1	1,500 00	816 80	2,316 80	1,801 98	2,05	1,823 03	493 77
Contingencies.	151-1	.....	477 54	477 54	45 00	432 54	477 54	.....
Total, maintenance and operation.		\$335,500 00	\$500,272 31	\$856,772 31	\$705,284 81	\$85,299 92	\$790,584 73	\$166,187 58

FINANCIAL STATEMENT

39

CAMP OF INSTRUCTION:									
Personal service, pay of officers and enlisted men.....									\$6,566 13
INSTRUCTION:									
MAINTENANCE AND OPERATION — CAMP OF INSTRUCTION:									
Food.....	151-1	\$18,500 00			\$18,500 00	\$11,933 87		\$11,933 87	
Fuel, light, power and water.....	151-1				3,500 00	2, 04 71		2,804 71	695 29
Printing.....	151-1				100 00				100 00
Equipment.....	151-1				60 00	45 25		45 25	4 76
Supplies.....	151-1				300 00	278 37		278 37	21 63
Traveling expenses.....	151-1				600 00	592 90		592 90	7 10
Communication.....	151-1				1,000 00	999 04		999 04	96
General plant service.....	151-1				200 00	43 63		43 63	166 37
	151-1				760 00	748 00		748 00	2 00
Total, camp of instruction.....					\$25,000 00	\$17,445 77		\$17,445 77	\$7,554 23
NAVAL MILITIA — HEADQUARTERS, NAVAL MILITIA:									
Salaries, regular.....	151-1	\$8,500 00			\$8,500 00	\$229 00		\$229 00	\$8,271 00
Salaries, temporary.....	151-1	3,000 00			3,000 00				3,000 00
MAINTENANCE AND OPERATION:									
Fired charges and contributions.....	151-1				1,200 00	1,200 00		1,200 00	
Allowance to headquarters.....									
Total, naval militia.....					\$12,700 00	\$1,429 00		\$1,429 00	\$11,271 00
MISCELLANEOUS:									
Underwear.....	11		\$640 00		\$640 00	\$603 75		\$603 75	\$36 25
State Defense Council, unexpended balance made available for Adjutant General, April 10, 1919.....									
Mobilisation, encampment and field exercises.....			88,990 37		88,990 37	59,443 65		59,443 65	29,546 72
Losses sustained by fire, second regiment.....			58,274 31		58,274 31	8,423 57		8,423 57	49,850 74
Insurrection ceremony of the President.....			18,266 00		18,266 00	552 76		552 76	17,713 84
National guard and naval militia, mobilisation.....			237 13		237 13		\$237 13	237 13	
Total, miscellaneous.....			\$195,909 41		\$195,909 41	\$65,094 76		\$65,331 89	\$100,577 52

FINANCIAL STATEMENT OF APPROPRIATIONS AND EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1919 —
(Concluded)

RECAPITULATION

	FUNDS AVAILABLE					EXPENDITURES, JULY 1, 1918, TO JUNE 30, 1919			
	Appropriations available July 1, 1918	Balance of appropriations 1917-1918	Total appropriations available July 1, 1918	Expenditures to June 30, 1919	Balances lapse	Total expenditures and lapses to June 30, 1919	Balance June 30, 1919		
Total:									
Adjutant General's office, personal service.....	\$69,940 00	\$4,317 23	\$74,257 23	\$65,058 84	\$4,317 23	\$70,376 07	\$3,981 16		
State Arsenal, N. Y. city, personal service.....	37,900 00	5,113 60	43,013 60	35,938 45	5,113 60	40,952 05	2,061 55		
Division headquarters, personal service.....	10,370 00	34,014 14	44,384 14	35,222 44	34,914 14	42,138 78	2,270 36		
N. Y. Guard, personal service.....	38,400 00	26,693 76	65,093 76	18,248 04	22,375 03	40,623 07	23,470 69		
N. Y. Guard, active guard duty.....	425,000 00	22,028 61	447,028 61	226,243 30	.....	220,785 30	220,785 30		
N. Y. Guard, small arms practice.....	15,000 00	.....	15,000 00	1,641 76	.....	1,641 76	13,358 24		
N. Y. Guard, camp of instruction.....	18,500 00	.....	18,500 00	11,933 87	.....	11,933 87	6,566 13		
Naval militia.....	11,500 00	.....	11,500 00	229 00	.....	229 00	11,271 00		
Total, personal service.....	\$627,010 00	\$92,067 34	\$719,077 34	\$367,215 92	\$66,720 00	\$433,935 92	\$286,141 42		
Total:									
Adjutant General's office, maintenance and operation.....	\$23,450 00	\$9,765 54	\$33,215 54	\$19,401 88	\$1,963 87	\$21,365 55	\$11,849 99		
Adjutant General's office, unclassified.....	41,000 00	48 60	41,048 60	2,713 27	48 60	2,761 87	\$6,286 73		
State Arsenal, N. Y. city, maintenance and operation.....	11,950 00	2,221 56	14,171 56	9,638 44	1,165 85	10,804 29	3,367 27		
Division headquarters, maintenance and operation.....	3,900 00	13,055 58	16,955 58	1,014 12	12,536 54	13,550 66	3,404 92		
N. Y. Guard, maintenance and operation.....	356,500 00	500,272 31	856,772 31	706,254 81	86,299 92	790,554 73	66,187 56		
N. Y. Guard, active guard duty.....	289,350 00	51,365 21	340,715 21	179,153 60	.....	179,153 60	161,561 61		
N. Y. Guard, small arms practice.....	22,800 00	.....	22,800 00	13,537 32	.....	13,537 32	8,762 68		
N. Y. Guard, camp of instruction.....	6,500 00	.....	6,500 00	6,511 90	.....	6,511 90	988 10		
Naval militia.....	1,200 00	.....	1,200 00	1,200 00	.....	1,200 00	.....	
Miscellaneous.....	.....	195,909 41	195,909 41	96,094 76	237 13	96,331 89	100,577 52		
Total, other than personal service.....	\$756,150 00	\$772,638 21	\$1,528,788 21	\$1,032,550 10	\$101,251 71	\$1,133,801 81	\$394,986 40		
Grand total.....	\$1,383,160 00	\$864,705 55	\$2,247,865 55	\$1,399,766 02	\$167,971 71	\$1,567,737 73	\$680,127 82		

UNITED STATES CASH PURCHASES

STATEMENT OF RECEIPTS BY THE ADJUTANT-GENERAL FROM OFFICERS AND ORGANIZATIONS FOR THE PURCHASE FROM THE WAR DEPARTMENT, STORES, SUPPLIES, ETC., IN ACCORDANCE WITH SECTION 17, ORGANIZED MILITIA REGULATIONS, AND DISBURSEMENTS AGAINST SAME TO JUNE 30, 1919

1918

June 30. Balance on hand..... \$1,060 10

Receipts

None.

————— \$1,060 10

Disbursements

None.

Balance, June 30, 1919..... \$1,060 10

STATE CASH PURCHASES

STATEMENT SHOWING RECEIPTS BY THE ADJUTANT-GENERAL AGAINST SALES FROM STOCK, NEW YORK ARSENAL, AND DISBURSEMENTS FOR STORES PROCURED TO JUNE 30, 1919

1918

June 30. Balance on hand..... \$2,435 96

1918

Receipts

Oct. 30. George H. Hobart..... 20 00

————— \$2,455 96

Disbursements

Jan. 28. Transferred to State Treasurer as provided by chapter 216, Laws of 1915.. 2,455 96

Balance, June 30, 1919..... —————

STATEMENT, SPANISH WAR REFUND
ALBANY TRUST COMPANY, ALBANY, N. Y.

DATE	Item	Principal	Interest	Total
June 30, 1918	Balance	\$25,113 71	\$3,050 82	\$28,173 53
July 1, 1918	Increment		425 60	425 60
Jan. 1, 1919	Increment		432 66	432 66
		\$25,113 71	\$3,918 08	\$29,031 79
June 30, 1919	Disbursement	168 69	50 00	218 69
June 30, 1919	Balance	\$24,945 02	\$3,868 08	\$28,813 10

UNION TRUST COMPANY, ALBANY, N. Y.

DATE	Item	Principal	Interest	Total
June 30, 1918	Balance	\$21,350 46	\$3,490 20	\$24,840 66
Oct. 30, 1918	Increment		375 59	375 59
Mar. 1, 1919	Increment		373 44	373 44
		\$21,350 46	\$4,239 23	\$25,589 69
	Disbursement	158 47		158 47
June 30, 1919	Balance	\$21,191 99	\$4,239 23	\$25,431 22

APPENDIX B

Strength of New York Guard January 1, 1919

1ST BRIGADE

Organizations	Station	Strength
1st Battalion Signal Corps	New York City	215
Field staff and headquarters	"	3
Sanitary Detachment	"	2
Company A	"	110
" B	Brooklyn	98
<hr/>		
22d Regiment, Engineers	New York City	984
Field and staff	"	11
Headquarters Company	"	47
Supply Company	"	8
Sanitary Detachment	"	12
Machine Gun Company	"	58
Ordnance Department	"	1
Company A	"	78
" B	"	81
" C	"	80
" D	"	81
" E	"	79
" F	"	51
" G	"	73
" H	"	85
" I	"	60
" K	"	61
" L	"	66
" M	"	52
<hr/>		
Squadron A, Cavalry	New York City	219
Headquarters Company	"	10
Troop A	"	82
" B	"	59
" C	"	64
" D	"	39
<hr/>		
1st Field Artillery	New York City	767
Field and staff	"	9
Headquarters Company	"	83
Supply Company	"	45
Sanitary Detachment	"	15
Motor Machine Gun Battery	"	79
Battery A	"	68
" B	"	90
" C	"	59
" D	"	95
" E	"	69
" F	"	117

Strength of New York Guard January 1, 1919 — Continued

1ST BRIGADE — Continued

Organizations	Station	Strength
8th Coast Artillery Corps.....	New York City.....	1,064
Field and staff.....	".....	13
Headquarters Company.....	".....	18
Supply Company.....	".....	8
Sanitary Detachment.....	".....	22
1st Company.....	".....	61
2d ".....	".....	49
3d ".....	".....	53
4th ".....	".....	45
5th ".....	".....	33
6th ".....	".....	59
7th ".....	".....	57
8th ".....	".....	54
9th ".....	Yonkers.....	74
10th ".....	Mt. Vernon.....	65
11th ".....	White Plains.....	62
12th ".....	".....	58
13th ".....	Mount Vernon.....	61
14th ".....	".....	58
15th ".....	".....	67
16th ".....	".....	55
		<hr/>
9th Coast Artillery Corps.....	New York City.....	787
Field and staff.....	".....	12
Headquarters Company.....	".....	63
Machine Gun Company.....	".....	55
Supply Company.....	".....	9
Sanitary Detachment.....	".....	11
1st Company.....	".....	47
2d ".....	".....	48
3d ".....	".....	60
4th ".....	".....	50
5th ".....	".....	48
6th ".....	".....	47
7th ".....	".....	55
8th ".....	".....	44
9th ".....	".....	55
10th ".....	".....	56
11th ".....	".....	62
12th ".....	".....	67
		<hr/>
1st Field Hospital.....	New York City.....	96
		<hr/>
3d Ambulance Company.....	New York City.....	27
		<hr/>

Strength of New York Guard January 1, 1919 — Continued

1ST BRIGADE — *Continued*

Organizations	Station	Strength
7th Regiment, Infantry.....	New York City.....	860
Field and staff.....	".....	10
Headquarters Company.....	".....	36
Machine Gun Company.....	".....	60
Supply Company.....	".....	6
Sanitary Detachment.....	".....	12
Company A.....	".....	53
" B.....	".....	54
" C.....	".....	75
" D.....	".....	50
" E.....	".....	57
" F.....	".....	66
" G.....	".....	85
" H.....	".....	78
" I.....	".....	51
" K.....	".....	63
" L.....	".....	65
" M.....	".....	39
12th Regiment, Infantry.....	New York City.....	882
Field and staff.....	".....	10
Headquarters Company.....	".....	45
Machine Gun Company.....	".....	37
Supply Company.....	".....	8
Sanitary Detachment.....	".....	25
Company A.....	".....	50
" B.....	".....	56
" C.....	".....	59
" D.....	".....	75
" E.....	".....	57
" F.....	".....	65
" G.....	".....	61
" H.....	".....	74
" I.....	".....	51
" K.....	".....	62
" L.....	".....	81
" M.....	".....	82
15th Regiment, Infantry.....	New York City.....	417
Field and staff.....	".....	7
Headquarters Company.....	".....	50
Supply Company.....	".....	7
Sanitary Detachment.....	".....	13
Company A.....	".....	57
" B.....	".....	38
" C.....	".....	71

Strength of New York Guard January 1, 1919 — Continued

1ST BRIGADE — *Concluded*

Organisations	Station	Strength
15th Regiment, Infantry — <i>Concluded</i>		
Company D.....	New York City.....	47
" E.....	".....	51
" F.....	".....	54
Unassigned.....	".....	21
<hr/>		
69th Regiment, Infantry.....	New York City.....	922
Field and staff.....	".....	11
Headquarters Company.....	".....	36
Machine Gun Company.....	".....	78
Supply Company.....	".....	5
Sanitary Detachment.....	".....	15
Company A.....	".....	56
" B.....	".....	91
" C.....	".....	76
" D.....	".....	71
" E.....	".....	50
" F.....	".....	61
" G.....	".....	59
" H.....	".....	61
" I.....	Elmsford.....	57
" K.....	New York City.....	65
" L.....	".....	68
" M.....	".....	63
<hr/>		
71st Regiment, Infantry.....	New York City.....	1,397
Field and staff.....	".....	11
Headquarters Company.....	".....	28
Machine Gun Company.....	".....	91
Supply Company.....	".....	5
Sanitary Detachment.....	".....	16
Company A.....	".....	147
" B.....	".....	137
" C.....	".....	115
" D.....	".....	153
" E.....	".....	97
" F.....	".....	98
" G.....	".....	79
" H.....	".....	90
" I.....	".....	61
" K.....	".....	84
" L.....	".....	113
" M.....	".....	68
<hr/>		
Total 1st Brigade.....		8,777

Strength of New York Guard January 1, 1919 — Continued

2D BRIGADE

Organisations	Station	Strength
Squadron C, Cavalry.....	Brooklyn.....	286
Field and staff.....	".....	12
Sanitary Detachment.....	".....	4
Troop A.....	".....	48
" B.....	".....	48
" C.....	".....	41
" E.....	".....	41
" F.....	West New Brighton.....	51
" K.....	Huntington.....	49
		<hr/>
2d Field Artillery.....	Brooklyn.....	420
Field and staff.....	".....	2
Headquarters Company.....	".....	18
Supply Company.....	".....	1
Sanitary Detachment.....	".....	5
Battery A.....	".....	103
" B.....	".....	71
" C.....	".....	48
" D.....	New York City.....	62
" E.....	".....	73
" F.....	".....	64
		<hr/>
13th Coast Artillery Corps.....	Brooklyn.....	1,151
Field staff.....	".....	11
Headquarters Company.....	".....	34
Machine Gun Company.....	".....	66
Supply Company.....	".....	8
Sanitary Detachment.....	".....	12
1st Company.....	".....	90
2d ".....	".....	74
3d ".....	".....	96
4th ".....	".....	99
5th ".....	".....	83
6th ".....	".....	99
7th ".....	".....	92
8th ".....	".....	82
9th ".....	".....	97
10th ".....	".....	92
11th ".....	Far Rockaway.....	57
12th ".....	".....	62
		<hr/>
3d Field Hospital.....	Brooklyn.....	76
		<hr/>
14th Regiment, Infantry.....	Brooklyn.....	1,050
Field and staff.....	".....	8
Headquarters Company.....	".....	49
Machine Gun Company.....	".....	66

Strength of New York Guard January 1, 1919 — Continued**2D BRIGADE — Continued**

Organisations	Station	Strength
14th Regiment, Infantry — Concluded		
Supply Company	Brooklyn	4
Sanitary Detachment	"	11
Company A	"	68
" B	"	74
" C	"	76
" D	"	97
" E	"	66
" F	"	60
" G	"	106
" H	"	95
" I	Flushing	89
" K	Inwood	57
" L	Brooklyn	68
" M	Hempstead	59
<hr/>		
23d Regiment, Infantry	Brooklyn	1,053
Field and staff	"	10
Headquarters Company	"	50
Machine Gun Company	"	64
Supply Company	"	5
Sanitary Detachment	"	14
Company A	"	84
" B	"	107
" C	"	81
" D	"	83
" E	"	65
" F	"	75
" G	"	71
" H	"	75
" I	"	70
" K	"	84
" L	Cedarhurst	65
" M	Glen Cove	70
<hr/>		
47th Regiment, Infantry	Brooklyn	986
Field and staff	"	8
Headquarters Company	"	38
Machine Gun Company	"	68
Supply Company	"	7
Sanitary Detachment	"	13
Company A	"	114
" B	"	55
" C	"	66
" D	"	94
" E	"	83
" F	"	60

Strength of New York Guard January 1, 1919 — Continued**2D BRIGADE — Concluded**

Organisations	Station	Strength
47th Regiment, Infantry — Concluded		
Company G.....	Brooklyn.....	71
“ H.....	“	62
“ I.....	“	53
“ K.....	“	63
“ L.....	“	66
“ M.....	“	66
		<hr/>
6th Battalion, Infantry.....	East Hampton.....	415
Field and staff.....	“ “	6
Company E.....	South “	59
“ F.....	Greenport.....	58
“ G.....	Islip.....	51
“ H.....	Patchogue.....	55
“ I.....	East Hampton.....	56
“ K.....	“ “	56
“ L.....	Sag Harbor.....	60
“ M.....	Quogue.....	62
		<hr/>
Total 2d Brigade.....		5,437

3D BRIGADE

Squadron D, Cavalry.....	Albany.....	94
Field and staff.....	“	1
Troop B.....	“	54
“ G.....	Utica.....	39
		<hr/>
2d Field Hospital.....	Albany.....	38
		<hr/>
1st Regiment, Infantry.....	Newburgh.....	952
Field and staff.....	“	12
Machine Gun Company.....	“	57
Supply Company.....	Kingston.....	3
Sanitary Detachment.....	Newburgh.....	3
Company A.....	Pearl River and Spring Valley...	112
“ B.....	Haverstraw.....	53
“ C.....	Suffern and Sloatsburg.....	65
“ D.....	Nyack.....	93
“ E.....	Poughkeepsie.....	60
“ F.....	“	98
“ G.....	Pine Plains and Millerton.....	100
“ H.....	Milton and Marlboro.....	52
“ I.....	Middletown.....	65
“ K.....	Warwick.....	64
“ L.....	Newburgh.....	57
“ M.....	Kingston.....	59

Strength of New York Guard January 1, 1919—Continued

3D BRIGADE—*Concluded*

Organizations	Station	Strength
2d Regiment, Infantry	Troy	771
Field and staff	"	14
Supply Company	"	7
Sanitary Detachment	"	5
Company A	"	47
" B	Cohoes	52
" C	Troy	56
" D	Canajoharie	73
" E	Schenectady	61
" F	"	97
" G	Gloversville	102
" H	Amsterdam	86
" I	Whitehall	107
" K	Glens Falls	66
" L	Saratoga	50
" M	Hoosick Falls	52
10th Regiment, Infantry	Albany	1,147
Field and staff	"	6
Headquarters Company	"	5
Machine Gun Company	Rome	101
Supply Company	Oneida	127
Sanitary Detachment	Albany	17
Company A	"	62
" B	"	51
" C	"	66
" D	"	83
" E	Catskill	68
" F	Hudson	69
" G	Oneonta	123
" H	Cobleskill	61
" I	Walton	45
" K	Utica	91
" L	"	90
" M	Mohawk	79
5th Battalion, Infantry	Saranac Lake	442
Field and staff	"	5
Company A	Malone	75
" B	Saranac Lake	80
" C	Tupper Lake	61
" D	Ogdensburg	64
" E	Chateaugay	44
" F	Plattsburg	69
" G	Massena	44
Total 3d Brigade		3,444

Strength of New York Guard January 1, 1919 — Continued

4TH BRIGADE

Organisations	Station	Strength
Squadron B, Cavalry	Rochester	168
Field and staff	"	10
Sanitary Detachment	"	2
Troop D	Syracuse	51
" H	Rochester	51
" I	Buffalo	54
" M	Avon	
		<hr/>
2d Ambulance Company	Rochester	45
		<hr/>
3d Regiment, Infantry	Syracuse	1,234
Field and staff	"	8
Headquarters Company	"	15
Supply Company	"	40
Sanitary Detachment	"	12
Company A	Rochester	64
" B	Geneva and Clyde	108
" C	Syracuse	41
" D	Oswego	38
" E	Watertown	45
" F	Sonyea	57
" G	Rochester	102
" H	"	133
" I	Brockport	101
" K	Canandaigua and Clifton Springs	123
" L	East Bloomfield	91
" M	Auburn	73
" N	Cortland	52
" R	* Pulaski	50
" S	Syracuse	53
" T	"	18
		<hr/>
4th Regiment, Infantry	Binghamton	1,228
Field and staff	"	8
Headquarters Company	"	60
Machine Gun Company	"	65
Supply Company	"	36
Sanitary Detachment	"	38
Company A	Angelica	73
" B	Wellsville and Friendship	67
" C	Corning	79
" D	Ithaca & Trumansburg	130
" E	Deposit	63
" F	Owego	90
" G	Binghamton & Greene	93
" H	Binghamton	38

Strength of New York Guard January 1, 1919 — Continued

4TH BRIGADE — *Concluded*

Organizations	Station	Strength
4th Regiment, Infantry — <i>Concluded</i>		
Company I.....	Montour Falls & Watkins.....	61
" K.....	Hornell & Bath.....	132
" L.....	Elmira.....	70
" M.....	Groton.....	69
" O.....	Penn Yan.....	56
<hr/>		
65th Regiment, Infantry.....	Buffalo.....	786
Field and staff.....	".....	5
Headquarters Company.....	".....	6
Supply Company.....	".....	2
Sanitary Detachment.....	".....	20
Company A.....	".....	78
" B.....	".....	80
" D.....	".....	78
" E.....	Jamestown.....	93
" F.....	Buffalo.....	66
" G.....	".....	86
" I.....	Olean.....	84
" K.....	Warsaw.....	61
" L.....	Salamanca.....	54
" M.....	East Aurora.....	93
<hr/>		
74th Regiment, Infantry.....	Buffalo.....	1,278
Field and Staff.....	".....	8
Headquarters Company.....	".....	38
Supply Company.....	".....	29
Sanitary Detachment.....	".....	23
Company A.....	".....	97
" B.....	".....	103
" C.....	".....	86
" D.....	".....	103
" E.....	".....	75
" F.....	Medina.....	69
" G.....	Niagara Falls.....	94
" H.....	" ".....	94
" I.....	Buffalo.....	94
" K.....	Tonawanda.....	63
" L.....	Niagara Falls.....	86
" M.....	Buffalo.....	84
" N.....	Albion.....	63
" T.....	Buffalo.....	69
<hr/>		
Total 4th Brigade.....		4,739

Strength of New York Guard January 1, 1919 — Concluded

	Strength
General officers and their aids not accounted for elsewhere.....	12
Adjutant General's Department.....	8
Judge Advocate General's Department.....	3
Inspector General's Department.....	9
Quartermaster Corps.....	14
Ordnance Department.....	5
Medical Corps (see note 1).....	3
Engineer Corps (see note 2).....	8
Enlisted men of Brigade Headquarters detachment.....	14
Total.....	76

SUMMARY

General officers and their aids not accounted for elsewhere.....	12
Adjutant General's Department.....	8
Judge Advocate General's Department.....	3
Inspector General's Department.....	9
Quartermaster Corps.....	14
Ordnance Department.....	5
Medical Department.....	607
Signal Corps.....	213
Engineer Corps.....	972
Cavalry.....	761
Field Artillery.....	1,167
Coast Artillery Corps.....	2,957
Infantry.....	15,895
Total New York Guard.....	22,623

Reference notes:

1. Does not include officers and enlisted men serving with sanitary detachments nor officers and enlisted men of independent sanitary units who are shown with the organizations to which attached.

2. Does not include the 22d Engineers, which is shown with 1st Brigade organizations.

3. Headquarters of 1st Brigade stationed at New York City; 2d Brigade, Brooklyn; 3d Brigade, Albany; 4th Brigade, Buffalo.

**Strength of New York National Guard and New York Guard
December 31, 1919**

[55]

**Strength of New York National Guard and New York Guard
December 31, 1919 — Concluded**

Organization	Station	Strength
3d Infantry, N. Y. G.....	Syracuse.....	1,072
(Headquarters, Headquarters Co., Sanitary Detachment, and Co. C, Syracuse; Supply Co., Auburn and Newark; Co. M, Auburn; M. G. Co. and Cos. A, G, H, Rochester; Co. B, Geneva and Clyde; Co. D, Oswego; Co. E, Canandaigua and East Bloomfield; Co. F, Brockport and Medina; Co. I, Ogdensburg and Massena; Co. K, Malone and Chateaugay; Co. L, Watertown and Pulaski.)		
4th Infantry, N. Y. G.....	Binghamton.....	1,075
(Headquarters, Headquarters Co., M. G. Co., Supply Co., Sanitary Detachment, Cos. G and H, Binghamton; Co. C, Corning; Co. D, Ithaca; Co. E, Deposit; Co. F, Owego; Co. I, Montour Falls and Watkins; Co. K, Hornell; Co. L, Elmira.)		
7th Infantry, N. Y. G.....	New York City.....	362
10th " ".....	Albany.....	891
(Headquarters, Headquarters Co., Supply Co., Sanitary Detachment, Cos. A, B, C, D, Albany; M. G. Co., Rome; Co. E, Catskill; Co. F, Hudson; Co. G, Oneonta; Co. H, Oneida; Co. I, Walton; Cos. K and L, Utica; Co. M, Mohawk.)		
12th Infantry, N. Y. G.....	New York City.....	980
14th " ".....	Brooklyn.....	766
(All units, Brooklyn, except Co. I, Flushing; Co. K, Inwood; Co. M, Hempstead.)		
15th Infantry, N. Y. G.....	New York City.....	857
23d " ".....	Brooklyn.....	730
(All units, Brooklyn, except Co. L, Cedarhurst; Co. M, Glen Cove.)		
47th Infantry, N. Y. G.....	Brooklyn.....	733
69th " ".....	New York City.....	948
(All units, New York City, except Co. I, Elmsford.)		
71st Infantry, N. Y. G.....	New York City.....	887
74th " ".....	Buffalo.....	965
(Headquarters, Headquarters Co., Supply Co., Sanitary Detachment, Cos. A, B, C, D, F, G, H, Buffalo; Co. E, Jamestown; Cos. I, L, M, Niagara Falls; Co. K, Tonawanda; Co. N, Olean; Co. O, East Aurora.)		
Staff Corps and Departments.....		26
Total.....		17,805

NOTE.— For units of above organizations which have received Federal recognition as National Guard, see Report of The Adjutant General.

APPENDIX D

HEADQUARTERS PROVISIONAL BRIGADE, N. Y. G.

176 State Street

ALBANY, N. Y., *March 1, 1919.*

FROM: Commanding General.
TO: The Adjutant General, S. N. Y.
SUBJECT: Report of Tour of Duty.

1. In accordance with Special Orders No. 311, A. G. O., dated December 11, 1917, a Provisional Brigade was created consisting of the First and Second Provisional Regiments, then in existence and on active duty guarding public property. Brigadier General F. DeForest Kemp was placed in command with headquarters at 176 State Street, Albany, N. Y.

This Brigade reported direct to The Adjutant General of the State and from him received all instructions and necessary authority. The Provisional Brigade was disbanded by Special Orders of The Adjutant General's Office on November 18, 1918.

The First Provisional Regiment guarded the water supply of the City of New York and was under the command of Colonel John B. Rose, 1st Infantry, N. Y. G. Its territory extended from the northern boundary line of the City of New York along the line of the Croton Aqueduct to Croton Lake, from thence to a point near Cold Spring on the east bank of the Hudson river at Breakneck tunnel where the Aqueduct crosses under the river to Storm King Mountain. Thence along the Aqueduct to Ashokan Reservoir, a distance of 96 miles. Two hundred forty-seven vulnerable points were guarded. The headquarters were at Croton Lake for the greater portion of the tour, but were eventually moved to Ossining.

The territory guarded by the Second Provisional Regiment, which was commanded by Major George J. Winslow, Inspector General, 3d Brigade, N. Y. G., extended from Albany and Troy along the line of the Barge canal to Whitehall, and from Waterford along the line of the Barge and Erie canals west to Tonawanda, north from Syracuse to Oswego, southwest from Syracuse to Watertown with posts at the International Railroad Bridge at Niagara Falls, the bridge of the Central New England Railroad at Poughkeepsie, public buildings and two New York Central Railroad bridges at Albany. Additional details of men, for the purpose of guarding the points indicated were made to this regiment as follows:

(a) Jan. 10, 1918.—One corporal and 7 privates to guard the plant of the Central Hudson Gas and Electric Company at Poughkeepsie. The men on this duty were assigned to Company G and were relieved November 15, 1918.

(b) Feb. 12, 1918.—A company designated as Company K consisting of 3 officers and 125 men was assigned to the protection of the plant of the New York Air Brake Company at Watertown. This company was withdrawn July 22, 1918.

(c) Feb. 27, 1918.—Two corporals and 7 privates were placed on duty to protect the plant of the Champlain Silk Mills at Whitehall. These men were assigned to Company A and were later relieved from duty.

(d) July 17, 1918.—One sergeant, 3 corporals and 6 privates were assigned to duty with Company G to guard the property of the United States Ammunition Company at Poughkeepsie. This detachment was later relieved.

The total continuous extent of line covered by this regiment was about 532 miles and 140 posts were guarded.

Headquarters were located in the State Armory, Troy, N. Y.

The cost of protection of private plants was to be borne by the various corporations, and this policy resulted in the withdrawal of troops located at Watertown because of the inability to come to terms with the New York Air Brake Company. It also established a precedent for the protection of private industries in the United States during the war emergencies and was in line with the declaration of the Secretary of War that "States must protect properties within their borders without aid from the Federal authorities."

Inspections of the Commercial Research Corporation's property at Niagara Falls, the various plants of the Consolidated Gas Company in New York City, the Ship Building Plant at Shooters Island, and the Garbage Disposal Plant on Staten Island were made with a view of establishing guards, but the protection was never authorized.

Officers and men from this regiment were also detailed at various times to assist the Department of Justice and civil authorities in the arrest of draft evaders.

The approximate money value of the properties guarded was \$550,000,000. During the tour of duty no damage was done, although much enemy activity and many attempts to do damage were reported.

On the Aqueduct a complete telephone system connecting all posts and headquarters was constructed, and on the east side of the Hudson river an electric lighting system installed which connected up with the barracks and furnished lights for the posts on that sector. The cost of these two systems was borne by the City of New York.

On the Barge canal, the telephone and lighting system located thereon was utilized, and where no service was available rentals were made with the New York Telephone Company, so that communication with each post in the brigade was possible.

A ration allowance of seventy-five cents per man per day was given, and the meals served were of particularly good quality. In some cases in the 2d Provisional Regiment, where posts were inaccessible and there were only three or four men on duty, arrangements to procure cooked meals at farm houses were made at the beginning of the tour, but eventually all posts cooked their own meals. "The Outpost Cook," a manual on cooking especially designed for small outposts was published as a result of this duty.

A prison camp was established at the State Camp, Peekskill, and prisoners filled the ice houses at that point, and cut all the hay at Camp Whitman, besides doing work on the roads at the State Camp.

Rifle practice was taken up by sending details of men from the various posts to the nearest ranges.

Inspections were made daily by inspecting officers assigned to each regiment, and medical inspections by the medical officers.

The average total daily strength of the brigade was 91 officers and 1960 men.

1. The officers and men were obtained by the volunteer system and represented practically every unit in the New York Guard. The problem of release and replacement was extremely difficult to cover as many men were not desirous of losing their identity with their home organizations even for a temporary period. After many conferences with the Brigade and Regimental Commanders, and The Adjutant General, men were transferred and placed in companies which were representative of their home regiment and under officers from their own regiments. This relieved the situation somewhat, but it is recommended, that, if in the future any similar work is undertaken by the military forces of this State, they be ordered as a company or regiment intact, as by this method alone can the esprit de corps be maintained and the best results obtained. On February 1, 1918, and again on April 18, 1918, The Adjutant General directed that "Inasmuch as New York City is paying the bill for the maintenance of the guarding of the Aqueduct, preference be given to men from New York City units." This plan was followed until later in the year when the policy was changed and men from up-State were utilized as replacements to the 1st Provisional Regiment.

The permission given inactive organizations of the New York Guard to enlist boys of sixteen years of age led to many very young men being placed on active duty. In practically every case it was necessary to release these boys from service as they were not physically qualified to endure the hardships of the duty.

After one or two months service men became imbued with a desire for foreign service, and enlisted in the United States forces. When the Selective Service Law became effective, men were taken from the brigade in great

numbers. Due to replacements made necessary by the above cases a total of 9,650 men were on duty during this brigade's existence.

3. Barracks of a sectional type were constructed, built in approximately seven foot sections with double floors, paper lined side walls, roofed with boards covered with good roofing paper and made in various sizes suitable to housing from three to one hundred twenty-five men. Buildings conveniently located, if they could be obtained at a reasonable rate, were rented as barracks wherever possible. In the 2d Provisional Regiment construction was practically complete by January 1, 1918. In the 1st Provisional Regiment work was delayed considerably by inability to obtain lumber, due to demands of the United States Government for lumber to construct cantonments.

During summer months men were moved from barracks and put under canvas where canvas was obtainable. There was very little tentage in possession of the State, and although some purchases were made, the quantity possible to obtain, made a proportionate issue to each regiment necessary.

Subsistence purchases were centralized and issues made by the Supply Officer of each regiment.

Serious difficulty was encountered in the issue of clothing; first, because of lack of appropriations to obtain necessary quantity, and secondly, the great purchases of cloth by the Federal Government shut off all others from the market. Despite this fact, men were warmly clad, and, at the time of withdrawal of the force, provision had been made to issue each man a complete new outfit.

In connection with the purchase and issuance of uniforms and equipment I cannot commend too highly the efforts of Colonel J. Weston Myers, Officer in Charge, State Arsenal, for his energy in providing for the requirement of all.

Frequent conferences, lectures and personal instructions on financial transactions, paper work, and other matters were given by Major Edward J. Wilson, Brigade Quartermaster.

4. Discipline was maintained by the enforcement of the Articles of War, Military Law and Regulations.

In the 1st Provisional Regiment, a Summary Court Officer was appointed for each battalion, and in the 2d Provisional Regiment for each company. This latter was made necessary by the extreme distances covered by each company.

Moneys collected were first deposited to the credit of the Provisional organization with which the man first served, but on August 9, 1918, Special Orders 211, A. G. O., directed the transfer of military funds of companies to the County Treasurer of the county in which the headquarters of the regiment was located, with instructions that the funds be administered by the three senior officers of each regiment. Funds so derived were used for the betterment of social conditions by purchase of books, victrolas, rental of pianos, table luxuries, etc.

5. The general health of the command was excellent except during the influenza epidemic of 1918. Most of the men gained in weight while on this duty. Only one case of typhoid fever was reported. Inoculations were given to men who came on duty and included both typhoid and paratyphoid serums.

During the months of September, October and November, 1918, the epidemic of influenza made inroads upon the personnel, there being nine hundred thirteen cases, and of this number thirty-six were fatal.

In connection with this epidemic, the work performed by the Women's Motor Corps deserves special mention. They worked night and day transporting men from the line to the various hospitals and were ceaseless in their efforts. In the 2d Provisional Regiment men were sent to hospitals in the immediate vicinity of their posts and treatment given by local doctors under the supervision of the two medical officers assigned to that regiment. In Albany the State Armory was used as a temporary hospital until local hospitals were able to receive the patients. On October 9th, the Commanding Officer, 1st Provisional Regiment reported that the Atlantic Division of the American Red Cross had established a hospital for the use of his command in the former military academy at Ossining owned by Mr. V. Everitt Macy who had donated the use of this building free of cost, and that Captain

Robert Lindsay of the Red Cross had equipped this building with various essentials and furnished some nurses. The City of Newburgh, through the efforts of Colonel Rose, having offered the use of a building controlled by the school board, Colonel Rose was authorized by this headquarters to establish a hospital at that point, to hire nurses, and purchase necessary supplies as indicated by the Chief Medical Officer of his regiment. The action of the Red Cross, the officials of the City of Newburgh, Mr. Macy, and the local Red Cross Chapters was most praiseworthy. The facilities placed at the disposal of the organizations were such that there is no doubt but what many lives were saved through their co-operation and generosity.

During the epidemic a temporary hospital was established in the armory at Whitehall to care for the civilian population, and at one time one hundred and ten cases handled. A supply truck from this organization having arrived with provisions for troops, and the emergency being great, the force operating the truck were directed to remain and assist. The men handled necessary supplies, took care of the sick, and even prepared graves for the dead. Their work was so greatly appreciated that resolutions of commendation were sent to the Governor by the Town Board.

In connection with the health of the men, where cases of venereal diseases were found, such men were promptly relieved from duty and all clothing destroyed.

The Red Cross were to erect and conduct canteens on the Aqueduct, and had worked out a system of traveling canteens for the Barge canal, when advice that troops were to be withdrawn caused the discontinuance of this activity. The Aqueduct Hostess House at Scarsdale was opened February 22, 1918, through the work of a committee of which Mr. Thomas Simpson was president, and the War Camp Community Club at Niagara Falls furnished facilities which were greatly enjoyed by men at that point.

6. The activities of the organizations composing the Provisional Brigade were many and varied; no publicity was given to the many attempts made to destroy or injure the valuable properties protected. Threats to blow up the Aqueduct were investigated and plans frustrated. A plot to destroy the International Bridge at Niagara Falls overheard in Erie, Pa., and reported to me by the Chief of Police at that place resulted in recalling all leaves and extra precautions being taken. An unknown man was killed while endeavoring to escape from the sentry at Gate 5, Post 40 near Mohawk. On April 11, 1918, the Empire State Express was wrecked in close proximity to Post 55—56 Guy Park, Amsterdam, with some loss of life and many injured. Men off duty at this Post rendered first aid, and assisted in the rescue, and policed the wreck. Major Becker, surgeon, 2d Provisional Regiment, a passenger and slightly injured himself, rendered valuable aid to the unfortunate. Private Leitt, Company D, 2d Provisional Regiment, on guard at the Lock at Palmyra on October 29th jumped in the Lock and rescued a small child from drowning. Men on the Aqueduct and at Poughkeepsie constantly observed signal lights which conveyed messages of considerable import to the enemy. Investigations which led to arrests of alien enemies were made by the Commanding Officer, 1st Provisional Regiment, in conjunction with Federal authorities. Due to lack of prior instruction there were twenty cases of accidental shooting. Only one fatality occurred. Sentries were fired upon one hundred and six times, two men being injured. Five hundred and fifty-one cases of suspicious actions were reported either before or after investigation. Eighty-two arrests were made, the charges being seditious utterance, loitering, robbery, enemy alien, draft evasion, desertion, photographing or sketching property protected, attempted damage to property protected. These cases were prosecuted by the Federal authorities. Three men on duty committed suicide. Aeroplanes were reported twelve times as passing over or lingering in the vicinity of protected points. Four fires were extinguished on the Poughkeepsie bridge. Two fires were extinguished on the Michigan Central bridge at Niagara Falls, two on the Livingston Avenue bridge at Albany, one at Building B of the New York Air Brake Company at Watertown, and one in a house near the Post at the Executive Mansion, Albany. Assistance was rendered at two fires adjacent to the Aqueduct, and

two men were severely burned in a fire in a supply tent at Millwood. What would have been a serious accident was averted by the quick wit of a sentry at the Gorge in Niagara Falls, who being stationed at almost the identical spot where the great fatality occurred a year ago, having observed two large rocks fall in the Gorge, in the path of an approaching car, stopped the car which was traveling at high speed and was loaded with passengers.

7. It is interesting to record that the Post at Niagara Falls was visited at different times by the Commanding General of the Department of the East, U. S. A., and by Major General Sir Herbert Powell of the British Army, both of whom expressed satisfaction with conditions found, and complimented the Commanding Officer on the appearance of the men and quarters, and each sentry on his military bearing and courtesy. Frequent visits at unexpected places were made by various officers of the army who likewise commented favorably upon conditions found.

8. The general public of this State not having been informed by newspaper propaganda, never realized the size of the task which confronted the officers and men of this Brigade. The opinion prevailed with too many people that this service was a haven for those who wished to avoid the war's responsibility. Nothing could be further from the truth. When one considers that the 1st Provisional was charged with the great responsibility of the protection of a water supply which provided, first, means of combating a campaign of the torch which was carried on in the winter of 1917; second, the supply of potable water for ships engaged in carrying troops and supplies to France; and third, the continuous supply of water necessary to flush toilets, etc., in crowded districts, which, if interrupted meant a terrible pestilence, and that the 2d Provisional Regiment was responsible for the uninterrupted movement of submarine chasers, ships, raw materials and commerce of all kinds through the Barge canal, keeping clear one of the gateways to New England not alone for the transportation of raw material going into munitions manufactured there and their shipment back in finished product, but also the movement of coal and other essentials upon which depended the operation of factories and the means of livelihood of the people; the maintenance of uninterrupted communication with our Canadian ally for the same reason; and the protection of plants engaged in war industries, it can be seen that this work was not only State but National in scope.

The training men received enabled them to become noncommissioned officers upon entry into Federal service, and from reports received it would appear that 95 per cent. of men entering that service were warranted within ten days of their entry.

Figures elsewhere in this report show the personnel to have changed five times. Eighty-five per centum of these changes were due to entry into Federal service.

The work was exacting and irksome requiring continual guard duty. Any man who has performed two hours on and four off one day in seven can realize the monotony of a daily grind of four hours on and eight hours off, or six on and twelve off, which was the fate of these men. Shortage of man power made leaves of absence a rarity. Training camps at various cantonments in this country had Saturday and Wednesday half holidays with work only during daylight. Men at these camps were on duty without responsibility for the protection of life and property. The men of the Provisional Brigade were on duty as sentries or as relief twenty-four hours every day, with no holidays or Sundays off. This tour of duty was carried out in the severest winter known in fifty years, with temperature ranging from zero to thirty below. Instances are recorded of men performing continuous duty for twenty-four and thirty-six hours, where sickness left only one man on duty at a Post or snow and weather conditions prevented relief within that period. I would be remiss did I not express at this time my great appreciation of the attitude of the individual soldiers constituting this Brigade.

9. This work was under the general direction of The Adjutant General of the State. During this tour Brigadier General Charles H. Sherrill, Lieutenant Colonel Edward J. Westcott and Brigadier General Charles W. Berry have occupied that position and to them are due the thanks of all officers and men for the co-operation and support that was ever forthcoming.

To Colonel John B. Rose and Major W. L. Burnett are due praise for working out in conjunction with me many radical changes which I was directed to make in their organization, and for many original ideas which benefited their regiment.

Major George J. Winslow, who succeeded me as Commanding Officer of the 2d Provisional Regiment is worthy of special commendation for the splendid, businesslike administration and military performance of that organization.

The work performed by Major Edward J. Wilson, Brigade Quartermaster, was of inestimable value, not alone to me, but also to those who needed assistance in paper work and administration.

Majors Henry L. Butler and Daniel F. Nial, who, at different periods, served as Adjutants General of the Brigade, are given thanks for their faithful and efficient performance of their duties.

The Medical Officers attached to the two regiments whose skill and devotion to duty saved many lives during the influenza epidemic and held it in check with a low mortality and whose general work and sanitation and hygiene kept the sick rate very low, are to be especially complimented on their efforts.

10. In conclusion, and based on investigation and observation of this particular type of duty, I would make the following recommendations to be followed if a similar situation arises in the future.

(a) That all duty be ordered.

(b) That particular attention and instruction be given all officers in the preparation of payrolls, vouchers, property responsibility and accountability, the various Finance laws and Regulations which govern the action on and payment by the Comptroller of the State, of the City of New York and County Treasurers when troops are called out in aid of civil authorities. While the Military Law and the Regulations would appear to cover the ground, many conflicts could be avoided and prompt payment made if both sides were conversant with the Regulations applying to each other.

(c) That since the Constitution of the State provides that there shall be at all times maintained a properly uniformed, armed and equipped force of not less than ten thousand men, some provision should be made to immediately equip such new force as might be necessary were the present force taken away as in the late war. The same condition that confronted us in obtaining equipment would prevail unless a sufficient reserve was held for this purpose or appropriations which could be utilized at once were carried in the budget.

(d) If war medals are issued by the State for service in the World War, that the service rendered by officers and men of the Provisional Brigade be recognized and such medals issued to them. The same recommendation would apply to any bonus which may be given for service.

F. DUFOREST KEMP,

Brigadier General.

APPENDIX E

List of officers from the State of New York who died while in the Army of the United States and United States Marine Corps during the war with Germany.

ARMY OF THE UNITED STATES

Name	Address	Rank, and arm of service	Date and cause of death
Abrams, Rubb	New York City	1st Lt., Q. M. C.	Died of disease, December 12, 1918, Emporium, Pa.
Acker, Albert M.	New York City	1st Lt., Inf.	Killed in action, November 5, 1918, (A. E. F.)
Allen, William C.	New York City	2d Lt., Inf.	Killed in action, October 3, 1918, (A. E. F.)
Alvord, Richard B.	Hornby, N. Y.	2d Lt., Inf.	Died of disease, February 3, 1919, (A. E. F.)
Anderson, Earl G.	New York City	2d Lt., Eng.	Died of wounds, July 15, 1918, (A. E. F.)
Anderson, Edward M.	Richmond Hill, N. Y.	2d Lt., A. S. A.	Died from accident, July 25, 1919, Duluth, Tex.
Andes, Harold A.	New York City	2d Lt., A. S. C.	Died of accident, March 16, 1918, Taft Field, Tex.
Arnett, John D.	New York City	1st Lt., M. C.	Killed in action, April 6, 1918, (A. E. F.)
Arnold, Howard W.	New York State	Capt., Inf. (Maj. Cav.), R. A.	Killed in action, July 29, 1918, (A. E. F.)
Arnold, Percy W.	New York City	2d Lt., Inf.	Died from accident, January 25, 1919, (A. E. F.)
Ayer, Charles H.	New York City	2d Lt., Inf.	Killed in action, November 3, 1918, (A. E. F.)
Bach, Joe S.	Hastings, N. Y.	Capt., Q. M. C.	Killed in action, November 6, 1918, (A. E. F.)
Bachman, John A.	Buffalo, N. Y.	2d Lt., Inf.	Killed in action, October 3, 1918, (A. E. F.)
Baird, Charles O.	Richmond Hill, N. Y.	Major Sig. Ops.	Killed in action, November 26, 1918, (A. E. F.)
Baker, Charles D.	New York City	Capt., Inf.	Died of disease, April 28, 1918, (A. E. F.)
Baker, John L.	Seneca, N. Y.	1st Lt., Inf.	Died of wounds, June 9, 1919, Albany, N. Y.
Baker, Walter E.	New York City	1st Lt., Ord.	Died of disease, February 13, 1919, Detroit, Mich.
Balachuk, Frederick A.	Buffalo, N. Y.	1st Lt., C. D.	Died of wounds, September 16, 1918, (A. E. F.)
Banas, Richard V.	Cushing, N. Y.	2d Lt., Q. M. C.	Died of disease, September 26, 1918, Camp Dix, N. J.
Barclay, David	Pt. Edward, N. Y.	2d Lt., A. S. C.	Died of disease, October 30, 1918, (A. E. F.)
Barwell, Darwin E.	Staten Island, N. Y.	1st Lt., D. C.	Killed in action, November 23, 1918, Hoboken, N. J.
Barns, Alex D.	Brooklyn	Capt., Cav.	Died of disease, February 2, 1919, (A. E. F.)
Barrett, Alexander	New York City	Capt., Inf.	Died of disease, October 17, 1919, Tacoma Park, D. C.
Barrett, Benton	New York City	1st Lt., Inf.	Killed in action, July 21, 1918, (A. E. F.)
Barrett, Robert H.	Springville, N. Y.	1st Lt., Inf., R. A.	Died of wounds, July 21, 1918, Camp Mead, Md.
Battle, John M.	New York City	2d Lt., F. S. A.	Killed in action, October 29, 1918, (A. E. F.)
Beaucher, Augustus F.	Syracuse, N. Y.	1st Lt., A. S. A.	Killed in action, November 10, 1918, (A. E. F.)
Beaulieu, Sydney W.	Albany, N. Y.	1st Lt., Inf.	Died of disease, April 10, 1917, New York City
Beauvais, Walton I.	New York City	1st Lt., Col. Inf.	Killed in action, September 27, 1918, (A. E. F.)
Bekman, William S.	Woodlawn, N. Y.	2d Lt., Inf.	Killed in action, September 1, 1918, (A. E. F.)
Bell, Allen, Jr.	New York City	2d Lt., Inf.	

APPENDIX E—(Continued)

Name	Address	Rank and arm of service	Date and cause of death
Benjamin, Everett F.	Riverhead, N. Y.	2d Lt., A. S. S. C.	Died of disease, October 12, 1918, Ellington Field, Tex.
Bentley, Harry B.	Elmira, N. Y.	1st Lt., Inf.	Died of wounds, September 28, 1918, (A. E. F.)
Bergen, James T.	Amsterdam, N. Y.	1st Lt., Inf.	Killed in action, October 17, 1918, (A. E. F.)
Betowski, Paul E.	Waverly, N. Y.	Capt., M. C.	Died of accident, July 2, 1918, (A. E. F.)
Bittman, Joseph A.	Ithaca, N. Y.	1st Lt., A. S. S. C.	Died of disease, May 14, 1918, New York City
Bissell, Joseph D.	New York City	Major, M. C.	Died of disease, December 2, 1918, (A. E. F.)
Blattinger, Howard P.	New York City	2d Lt., A. S. A.	Killed in action, September 26, 1918, (A. E. F.)
Bliss, William E.	Brooklyn, N. Y.	Capt., Inf.	Killed in action, September 26, 1918, (A. E. F.)
Bod notab, Wilmer	Yonkers, N. Y.	2d Lt., Inf.	Killed in action, May 29, 1918, (A. E. F.)
Boje, Charles H.	New York State	Col. (Maj. Cav.), R. A.	Died of disease, November 11, 1919, Long Beach, Cal.
Boldt, H. St. John, Jr.	New York City	1st Lt., Inf.	Killed in action, July 20, 1918, (A. E. F.)
Borchardt, William	New York City	2d Lt., A. S. C.	Died of disease, August 6, 1919, Ft. Sheridan, Ill.
Bores, Sherman H.	Brooklyn, N. Y.	Capt., A. S. A.	Died of disease, December 21, 1919, Paris, France
Bothwell, Harold E.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, August 14, 1918, (A. E. F.)
Bourke, John F.	Jamaica, N. Y.	1st Lt., M. C.	Died of disease, July 28, 1919, Americus, Ga.
Bouton, Arthur E.	New York State	Major, Inf., (R. A.)	Killed in action, July 18, 1918, (A. E. F.)
Boyd, Gordon	New York City	1st Lt., Cav.	Killed in action, October 5, 1918, (A. E. F.)
Bradley, John G.	Troy, N. Y.	2d Lt., Cav.	Died of disease, October 20, 1918, Ft. Sam Houston, Tex.
Bradt, Henry G.	Johnstown, N. Y.	Capt., Inf.	Killed in action, November 9, 1918, (A. E. F.)
Brady, Thomas V.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, October 4, 1918, (A. E. F.)
Brandt, Otto H.	New York City	1st Lt., Inf.	Killed in action, October 8, 1918, (A. E. F.)
Breidling, Carl A.	Brooklyn, N. Y.	1st Lt., M. C.	Died of disease, November 5, 1918, Chattanooga, Tenn.
Brewer, Kenneth E.	Tannersville, N. Y.	2d Lt., A. S. S. C.	Died of accident, September 28, 1918, Charleston Fld., Fla.
Bretbeck, Frank H.	Queens, N. Y.	2d Lt., Inf.	Killed in action, October 14, 1918, (A. E. F.)
Brogan, Thomas M.	Yonkers, N. Y.	2d Lt., Inf.	Died of wounds, September 28, 1918, (A. E. F.)
Brooks, Belvidere	New York City	Capt., Inf.	Killed in action, August 21, 1918, (A. E. F.)
Brown, Franklin F.	Saugerties, N. Y.	2d Lt., Inf.	Died of disease, September 9, 1918, (A. E. F.)
Brown, James F.	Troy, N. Y.	1st Lt., Eng.	Killed in action, November 7, 1918, (A. E. F.)
Bromley, Charles	New York State	2d Lt., Q. M. C.	Died of disease, August 4, 1918, Newport News, Va.
Brown, Randolph R.	Troy, N. Y.	Capt., Inf. (1st Lt., Inf.), R. A.	Killed in action, November 1918, (A. E. F.)
Bryan, John F.	New York City	Capt., Inf.	Killed in action, September 27, 1918, (A. E. F.)
Bryant, George E.	Brooklyn, N. Y.	Capt., Inf.	Killed in action, October 18, 1918, (A. E. F.)
Buckley, Benjamin	Troy, N. Y.	1st Lt., Inf. (R. A.)	Killed in action, July 2, 1918, (A. E. F.)
Buermeier, Herbert A.	Schenectady, N. Y.	1st Lt., Inf.	Killed in action, September 17, 1918, (A. E. F.)
Bull, Clarence J.	Brooklyn, N. Y.	Capt., Q. M. C.	Killed in action, May 30, 1918, Lakewood, N. J.
Bullock, Harry A.	New York City	2d Lt., Inf.	Died of disease, September 2, 1918, (A. E. F.)
Bullock, Thomas J.	Pt. Slooten, N. Y.	1st Lt., Inf.	Died of wounds, May 22, 1918, Lakewood, N. J.
Bulluck, Jacob J.	New York City	2d Lt., Inf.	Died of disease, October 9, 1918, (A. E. F.)
Burchill, Joseph E.	Cobles, N. Y.	2d Lt., Inf.	Died of accident, March 24, 1919, (A. E. F.)
Burke, George A.	New York City	1st Lt., Inf.	Killed in action, August 11, 1918, (A. E. F.)
Burns, James S. D.	Brooklyn, N. Y.	1st Lt., Inf.	Died of disease, July 12, 1919, Denver, Colo.
Burns, William J.	Buffalo, N. Y.	Capt., M. C.	Died of disease, September 17, 1918, (A. E. F.)
Burrows, Lorcuso, Jr.	New York City	1st Lt., Inf.	Died of wounds, November 5, 1918, (A. E. F.)
Butler, Pierce	New York City	1st Lt., Inf.	

Butler, Storrs W.	Poughkeepsie, N. Y.	1st Lt. Inf.	Died of disease, September 24, 1918, Camp Dix, N. J.
Byrne, Joseph P.	New York City	2d Lt. Inf.	Killed in action, August 17, 1918. (A. E. F.)
Caill, William F.	New York City	1st Lt. Inf.	Died of wounds, August 28, 1918. (A. E. F.)
Caldwell, Eugene W.	New York City	Major, M. C.	Died of disease, June 20, 1918, New York City.
Cameron, Douglas T.	Fishers Island, N. Y.	1st Lt. Inf.	Killed in action, November 3, 1918. (A. E. F.)
Campbell, Duncan	Brooklyn, N. Y.	1st Lt. Inf.	Died of wounds, November 4, 1918. (A. E. F.)
Campbell, Robert L.	New York City	1st Lt. Inf.	Died of disease, December 17, 1918, March Fld., Cal.
Carter, Cyril	Corning, N. Y.	2d Lt. Inf.	Killed in action, July 17, 1918. (A. E. F.)
Carmack, William C.	Niagara Falls, N. Y.	2d Lt. Inf.	Died of disease, June 18, 1918. (A. E. F.)
Carnoy, Daniel J.	Yonkers, N. Y.	1st Lt. Inf.	Died of disease, October 16, 1918, Camp Upton, N. Y.
Carow, Frederick G.	Syracuse, N. Y.	2d Lt. Inf.	Died of disease, December 8, 1918. (A. E. F.)
Carpenter, Howard E.	Groton, N. Y.	2d Lt. Inf.	Died of disease, October 23, 1918, Camp Pike, Ark.
Carrington, Frank E.	New York State	2d Lt. Inf.	Died of disease, April 10, 1919. (A. E. F.)
Carver, Clarence B.	Brooklyn, N. Y.	Capt. Inf. (R. A.)	Died of disease, October 30, 1918. (A. E. F.)
Cary, Arthur B.	New York City	2d Lt. Inf.	Died of disease, April 14, 1919. (A. E. F.)
Cattion, Richard B.	Brooklyn, N. Y.	2d Lt. Inf.	Killed in action, October 6, 1918. (A. E. F.)
Chandler, William H.	New York City	1st Lt. Inf.	Died of disease, September 17, 1918, Aberdeen, Md.
Chapman, Isaac A.	Brooklyn, N. Y.	Capt. M. C.	Died of disease, October 26, 1918, Brooklyn, N. Y.
Chapman, William H.	Pittsburg, N. Y.	2d Lt. Inf.	Killed in action, August 5, 1918. (A. E. F.)
Chase, Burton N.	Buffalo, N. Y.	2d Lt. Inf.	Died, July 9, 1918, West Point, N. Y.
Churchill, Earl R.	New York City	2d Lt. Inf.	Died of disease, September 7, 1917, Ft. Sam Houston, Tex.
Churchill, Thomas W.	New York State	2d Lt. Inf.	Died of disease, October 10, 1918. (A. E. F.)
Clark, Fred H.	Stapleton, N. Y.	2d Lt. Inf.	Died of disease, October 25, 1918. (A. E. F.)
Clark, Hamilton R.	Brooklyn, N. Y.	1st Lt. Inf.	Died of disease, October 24, 1918, Camp Pike, Ark.
Clarke, Charles S.	Brooklyn, N. Y.	Major, Inf.	Died of disease, October 14, 1918. (A. E. F.)
Clarke, Lloyd W.	Rochester, N. Y.	2d Lt. Inf.	Killed in action, May 30, 1918. (A. E. F.)
Clarkson, Herbert	New York State	Col. Q. M. C. (Lt. Col. Q. M. C.)	Died of disease, March 27, 1918, New York City.
Clarkson, Bertram T.	Troy, N. Y.	2d Lt. Inf.	Died of accident, July 20, 1918. (A. E. F.)
Clemmshaw, Charles K.	Brooklyn, N. Y.	2d Lt. Inf.	Died of disease, December 31, 1918, Yonkers, N. Y.
Clifford, Paul L.	Yonkers, N. Y.	2d Lt. Inf.	Died of disease, October 20, 1918, Camp Sheridan, Ala.
Coffey, Arthur H.	Brooklyn, N. Y.	Capt. A. G. D.	Died of accident, December 6, 1918, Ellington Fld., Texas.
Cohen, Emil J.	New Rochelle, N. Y.	2d Lt. Inf.	Killed in action, July 19, 1918. (A. E. F.)
Cole, Charles C.	Corning, N. Y.	2d Lt. Inf.	Died of wounds, November 11, 1918. (A. E. F.)
Cole, Sidney T.	Syracuse, N. Y.	2d Lt. Inf.	Killed in action, October 16, 1918. (A. E. F.)
Coleman, Elmus	Brooklyn, N. Y.	2d Lt. Inf.	Killed in action, October 9, 1918. (A. E. F.)
Collins, John F.	Watervliet, N. Y.	2d Lt. Inf.	Killed in action, October 11, 1918. (A. E. F.)
Collins, Orlando B., Jr.	New York City	2d Lt. Inf.	Died of disease, February 3, 1918. (A. E. F.)
Collins, Thomas F.	New York State	2d Lt. Inf.	Killed in action, September 20, 1918. (A. E. F.)
Collord, Clarence M.	New York City	1st Lt. Inf. (R. A.)	Died of disease, October 4, 1918, Evanston, Ill.
Compton, Samuel H.	White Plains, N. Y.	Capt. Inf.	Killed in action, October 18, 1918. (A. E. F.)
Cobb, Frederick W.	New York City	Capt. Inf.	Died of wounds, August 24, 1918. (A. E. F.)
Conner, Richard L. J.	Brooklyn, N. Y.	2d Lt. Inf.	Died of disease, January 1, 1919, New York City.
Connelly, Daniel M.	Richmond Hill, N. Y.	Major, Ord.	Died of disease, February 17, 1918, Camp Dix, N. J.
Conway, Harry L.	Cooperstown, N. Y.	Capt. F. A.	
Cook, Charles F.			
Cooper, James F., Jr.			

APPENDIX E—(Continued)

Name	Address	Rank and arm of service	Date and cause of death
Corboy, Robert M.	Brooklyn, N. Y.	1st Lt., Inf.	Died of wounds, November 7, 1918. (A. E. F.)
Cordes, Paul H.	Brooklyn, N. Y.	1st Lt., Eng.	Died of wounds, September 12, 1918. (A. E. F.)
Connon, John G.	Binghamton, N. Y.	1st Lt., M. C.	Died of disease, October 23, 1918, Ft. Bayard, N. Mex.
Cory, Harvey L.	Rochester, N. Y.	2d Lt., Inf.	Killed in action, September 22, 1918. (A. E. F.)
Cottrell, Arthur M.	Alfred, N. Y.	Capt., A. S. C.	Died of disease, October 12, 1918, Garden City, N. Y.
Cramer, Carl C.	New York City	1st Lt., Inf.	Killed in action, August 7, 1918. (A. E. F.)
Cramer, Murray E.	New York City	1st Lt., Inf.	Killed in action, September 20, 1918. (A. E. F.)
Crandall, Elverson C.	Watertown, N. Y.	1st Lt., Inf.	Killed in action, September 14, 1918. (A. E. F.)
Crandall, Conrad	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, August 2, 1918. (A. E. F.)
Cronkhit, Alexander P.	New York State	Maj., Eng. (Capt., Eng.) R. A.	Died of accident, October 25, 1918. Camp Lewis, Wash.
Crosby, Harry E.	Kennore, N. Y.	1st Lt., Inf.	Killed in action, September 29, 1918. (A. E. F.)
Crump, Samuel, Jr.	New York City	1st Lt., Inf.	Killed in action, September 20, 1918. (A. E. F.)
Cudlipp, Jerome M.	New York City	2d Lt., A. S. A.	Died of accident, September 23, 1918. (A. E. F.)
Cunningham, Arthur H.	Horsell, N. Y.	2d Lt., Inf.	Killed in action, October 18, 1918. (A. E. F.)
Curtis, James F.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, September 23, 1918. (A. E. F.)
Cutshaw, Charles R.	Brooklyn, N. Y.	2d Lt., Inf.	Died of disease, November 23, 1918. (A. E. F.)
Dattibaum, Harry A.	Brooklyn, N. Y.	1st Lt., San Chs.	Killed in action, Nov. 1, 1918. (A. E. F.)
Davis, William D.	New York State	Col. Inf. (Lt. Col. Inf.) R. A.	Died of disease, October 7, 1918. (A. E. F.)
Davis, William G.	Mexico, N. Y.	Capt., Q. M. C.	Died of accident, October 2, 1918. Springfield Sta., Va.
Dean, Stanley	Schaghticoke, N. Y.	1st Lt., Eng.	Killed in action, October 27, 1918. (A. E. F.)
Dedeler, Elsworth H.	Nyack, N. Y.	1st Lt., Inf.	Died of wounds, July 15, 1918. (A. E. F.)
Dedrick, Earnest C.	Middleville, N. Y.	1st Lt., Eng.	Killed in action, July 18, 1918. (A. E. F.)
Deery, William J.	New York City	1st Lt., Inf.	Died of disease, November 16, 1918. (A. E. F.)
De Kruiff, Theodore	New York City	2d Lt., A. S.	Died of wounds, September 29, 1918. (A. E. F.)
Delany, James F.	Cold Spring, N. Y.	1st Lt., Inf.	Died of disease, October 10, 1918. (A. E. F.)
Delham, Charles, Jr.	New York City	Capt., Ord.	Died of accident, September 27, 1918. (A. E. F.)
Detcham, Benjamin C.	New York State	2d Lt., Inf.	Died of accident, May 4, 1919, Nashville, Tenn.
Dickey, Stephen W.	New York City	2d Lt., Inf.	Killed in action, December 9, 1918, Ellington Fid., Tex.
Dillard, Alex W.	New York State	Maj., Inf. (Capt., Inf.) R. A.	Killed in action, September 20, 1918. (A. E. F.)
Dixon, Jerome J.	Brooklyn, N. Y.	2d Lt., S. A.	Died of accident, October 18, 1918. (A. E. F.)
Doane, Hugh R.	Syracuse, N. Y.	Capt., Inf.	Died of disease, October 2, 1918. (A. E. F.)
Dodge, Gordon	Brooklyn, N. Y.	1st Lt., A. S.	Died of disease, November 25, 1918. (A. E. F.)
Dolan, James	New York City	1st Lt., Inf.	Killed in action, July 3, 1919, Ft. McPherson, Ga.
Donohue, Walter E.	New York City	1st Lt., Inf.	Killed in action, October 11, 1918. (A. E. F.)
Doolittle, Gilbert	Schenectady, N. Y.	1st Lt., Eng.	Died of wounds, December 17, 1918. (A. E. F.)
Doran, William E.	Brooklyn, N. Y.	1st Lt., Q. M. C.	Killed in action, September 12, 1918. (A. E. F.)
Doercher, Fabian W.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, September 13, 1918. (A. E. F.)
Doe, Frederick C.	New York State	Capt., Inf. R. A.	Killed in action, July 20, 1918. (A. E. F.)
Doty, Wm. D., Jr.	Rochester, N. Y.	2d Lt., F. A.	Died of disease, October 16, 1918. (A. E. F.)
Douglas, Allan W.	Buffalo, N. Y.	1st Lt., Inf.	Killed in action, September 15, 1918. (A. E. F.)
Dowling, Patrick J.	New York City	2d Lt., Inf.	Died of disease, December 29, 1919, Yonkers, N. Y.
Dressler, Frits L.	Idlip, N. Y.	Capt., Q. M. C.	
Dudley, Carl A.	New York City	2d Lt., Inf.	
Dudley, William McK.	Roxbury, N. Y.	2d Lt., A. S. A.	

Duff, Henry I.	Williamsbridge, N. Y.	2nd Lt. Inf.	Killed in action, September 27, 1918. (A. E. F.)
Duffy, Charles A.	New York City	2nd Lt. Inf.	Died of wounds, October 14, 1918. (A. E. F.)
Dwyer, William J.	Ft. Edward, N. Y.	2nd Lt. Cav.	Died of disease, October 9, 1918, Douglas, Ariz.
Eady, Elmer S.	Port Chester, N. Y.	2nd Lt. Inf.	Killed in action, September 27, 1918. (A. E. F.)
Egan, James B.	Brooklyn, N. Y.	2nd Lt. Inf.	Killed in action, October 25, 1918. (A. E. F.)
Ellenberger, John T.	Middletown, N. Y.	1st Lt. A. S. A.	Died of disease, October 5, 1918, West Point, Miss.
Ely, William S.	Rochester, N. Y.	1st Lt. A. S. A.	Died from accident, January 2, 1918. (A. E. F.)
Emerson, William K. B.	New York City	2nd Lt. F. A.	Killed in action, May 14, 1918. (A. E. F.)
Engels, Arthur L.	Woodhaven, N. Y.	1st Lt. Inf.	Died of wounds, November 8, 1918. (A. E. F.)
Ennis, James S., Jr.	New York City	2nd Lt. A. S. C.	Died from accident, May 2, 1918, Talaria Field, Tex.
Estein, William	New York City	2nd Lt. Inf.	Killed in action, October 13, 1918. (A. E. F.)
Edgop, Edwin B.	New York City	1st Lt. Sig. Corps	Killed in action, November 7, 1918. (A. E. F.)
Evas, Elwood W.	New York City	Col. Cav. R. A.	Died of disease, July 24, 1917, Pueblo, Col.
Fahstock, Clarence	Whitestone, N. Y.	Maj. Inf.	Died of disease, October 5, 1918. (A. E. F.)
Fanning, Winthrop C.	Whitestone, N. Y.	2nd Lt. Inf.	Died of disease, March 10, 1919. (A. E. F.)
Farrall, Michael J.	Troy, N. Y.	1st Lt. Inf.	Died of disease, October 1, 1918. Camp Sherman, O.
Farrall, Philip H.	Rochester, N. Y.	2nd Lt. A. S. A.	Died from accident, October 5, 1918, Dayton, Ohio.
Faust, Edward S.	New York City	Capt. F. A.	Died, November 2, 1919, Big Moose Lake, N. Y.
Faylor, Alfred H.	Brooklyn, N. Y.	2nd Lt. Inf.	Killed in action, November 11, 1918. (A. E. F.)
Feigl, Jefferson	New York City	2nd Lt. F. A.	Killed in action, March 21, 1918. (A. E. F.)
Felbel, Frank J.	New York City	2nd Lt. Inf.	Killed in action, October 12, 1918. (A. E. F.)
Felter, Earle B.	Brooklyn, N. Y.	1st Lt. Inf.	Killed in action, September 14, 1918. (A. E. F.)
Ferris, Earl H.	Hornell, N. Y.	2nd Lt. Inf.	Died, May 3, 1919. (A. E. F.)
Fischer, Frederick M.	New York City	(2nd Lt. C. A. C.) 1st Lt.	Died of disease, October 10, 1918, Olongapo, M., C. A. C.
Fischer, John R.	Cold Springs, N. Y.	1st Lt. M. C.	(R. A.)
Fiske, Harold	Rockville Center, N. Y.	2nd Lt. Inf.	Died of disease, October 31, 1918, Ft. Bayard, N. M.
Fisher, Minor G.	New York State	2nd Lt. Cav. R. A.	Killed in action, October 8, 1918. (A. E. F.)
Fitzgerald, John J.	New York City	1st Lt. A. S. C.	Died of disease, February 4, 1918, Ft. Leavenworth, Kan.
Flato, Walter C.	New York City	2nd Lt. Inf.	Died of disease, February 30, 1918, Ft. S. Houston, Tex.
Fletcher, Lee C.	Wellsburg, N. Y.	1st Lt. Inf.	Killed in action, May 4, 1918. (A. E. F.)
Fletcher, Roland E.	Mt. Vernon, N. Y.	1st Lt. D. C.	Killed in action, September 8, 1918. (A. E. F.)
Forman, Horace B.	Kitchawan, N. Y.	2nd Lt. A. S. C.	Died of disease, December 21, 1918, Ft. Oglethorpe, Ga.
Forster, Frederick A.	New York City	1st Lt. Inf.	Died from accident, September 14, 1918. (A. E. F.)
Forster, Lynn H.	Buffalo, N. Y.	2nd Lt. A. S.	Drowned, October 5, 1917, Oakdale, L. I., N. Y.
Forster, Hamilton K.	Buffalo, N. Y.	Capt. Inf.	Killed in action, September 2, 1918. (A. E. F.)
Fowler, Charles A., Jr.	New York City	Capt. Inf.	Killed in action, October 11, 1918. (A. E. F.)
Fox, Raymond F.	Great Neck, N. Y.	1st Lt. A. S.	Killed in action, October 1, 1918. (A. E. F.)
France, Howard J.	Buffalo, N. Y.	1st Lt. A. S. C.	Drowned, April 24, 1918, Gatun Lake, C. Z.
Frankmont, Edward L.	Buffalo, N. Y.	2nd Lt. A. S. A.	Died of disease, December 17, 1918, Garden City, N. Y.
Franklin, Spencer	New York City	Capt. M. C.	Died of disease, July 21, 1918, Waynesville, N. C.
Freiberg, Hyman H.	New York City	2nd Lt. Inf.	Killed in action, August 9, 1918. (A. E. F.)
Frye, Abram R.	New York City	2nd Lt. A. S. C.	Died from accident, July 9, 1918. (A. E. F.)
Fure, Edward W.	Brooklyn, N. Y.	2nd Lt. Inf.	Killed in action, August 19, 1918. (A. E. F.)
Fuller, William H.	Schenectady, N. Y.	1st Lt. Inf.	Killed in action, August 9, 1918. (A. E. F.)
Furman, Edgar I.	Hudson Falls, N. Y.	1st Lt. Inf.	Died of disease, October 6, 1918. (A. E. F.)
Galbraith, James S.	New York City	2nd Lt. A. S. A.	Died of disease, April 7, 1919, New York City.

APPENDIX E—(Continued)

Name	Address	Rank and arm of service	Date and cause of death	Square
Gallagher, Charles H.	Ithaca, N. Y.	Capt., M. C.	Died of disease, August 28, 1918. (A. E. F.)	
Gallagher, Walter V.	New York State	Lt. Col., Inf. (Capt., Inf.), R. A.	Died of disease, October 21, 1918. (A. E. F.)	
Galloway, Judson P.	Newburg, N. Y.	1st Lt., Inf.	Killed in action, June 6, 1918. (A. E. F.)	
Gard, Edwin S., Jr.	New York City	1st Lt., Inf.	Killed in action, August 17, 1918. (A. E. F.)	
Gardner, Alfred W.	New York City	1st Lt., Inf.	Killed in action, October 3, 1918. (A. E. F.)	
Garnsey, Arlo E.	White Plains, N. Y.	2nd Lt., A. S.	Killed in action, October 11, 1918. (A. E. F.)	
Garnsey, Cyrus 3rd	Seneeca Falls, N. Y.	2nd Lt., F. A.	Killed in action, September 30, 1918. (A. E. F.)	
Gaskill, Ellsworth F.	New York City	2nd Lt., A. S. A.	Died from accident, November 20, 1918, Hamilton Square, N. J.	
Getman, James E.	Rochester, N. Y.	2nd Lt., Inf.	Died from wounds, November 7, 1918. (A. E. F.)	
Gibbs, Harold A.	Mt. Vernon, N. Y.	1st Lt., Inf.	Killed in action, November 4, 1918. (A. E. F.)	
Gill, Harry D.	New York City	Major, V. C.	Died of disease, October 3, 1918, Waynesville, N. C.	
Gill, Robert S.	New York City	Capt., Inf.	Died from wounds, September 23, 1918. (A. E. F.)	
Gillman, Walter E.	Flushing, N. Y.	Capt., Inf.	Killed in action, September 4, 1918. (A. E. F.)	
Gillman, Patrick, J.	New York City	2nd Lt., Inf.	Killed in action, October 10, 1918. (A. E. F.)	
Gilson, Proctor C.	De Kalb Junction, N. Y.	1st Lt., Inf.	Killed in action, July 8, 1918. (A. E. F.)	
Gitchell, Edward B.	New York City	Capt., Ord.	Died of disease, November 18, 1918, Metuchen, N. J.	
Glover, Edmund P.	New York City	2nd Lt., Inf.	Died of wounds, April 11, 1918. (A. E. F.)	
Goodwin, George W.	Fishers Island, N. Y.	2nd Lt., A. S. C.	Drowned, October 4, 1918, at sea.	
Gracie, William B.	New York State	Lt. Col., Q. M. C. (Maj., Inf.), R. A.	Died from accident, July 15, 1918. (A. E. F.)	
Graham, Edward F.	New York City	2nd Lt., F. A.	Died of disease, October 26, 1919, Boston, Mass.	
Graham, James B.	Montgomery, N. Y.	1st Lt., Inf.	Killed in action, August 22, 1918. (A. E. F.)	
Graham, John B.	New York City	2nd Lt., Inf.	Died of disease, February 5, 1918, Waco, Tex.	
Granberg, Arthur E.	Brooklyn, N. Y.	1st Lt., C. A. C.	Died of wounds, April 1, 1918. (A. E. F.)	
Grant, Duncan R.	Mincola, N. Y.	2nd Lt., A. S. C.	Died of disease, November 1, 1918. (A. E. F.)	
Grant, Edward L.	New York City	Capt., Inf.	Died from accident, May 31, 1918. (A. E. F.)	
Green, Harry J.	Albany, N. Y.	1st Lt., Inf.	Killed in action, October 9, 1918. (A. E. F.)	
Greene, Calvin	New York City	2nd Lt., A. S. C.	Died of wounds, August 13, 1918. (A. E. F.)	
Greenough, Ernest A.	New York State	(Col., Q. M. C.) Maj., C. A. C. (R. A.)	Died from accident, November 22, 1918. (A. E. F.)	
Greenwood, Samuel A., Jr.	Niagara Falls, N. Y.	2nd Lt., A. S.	Died of disease, September 4, 1918, San Francisco, Cal.	
Gregory, Gordon C.	New York City	1st Lt., Inf.	Died from accident, August 11, 1918. (A. E. F.)	
Griffith, Lewis T.	New York City	Lt. Col., M. C.	Died from wounds, October 15, 1918. (A. E. F.)	
Groesbeck, Herbert, Jr.	New York City	1st Lt., Inf.	Died, April 8, 1919. (A. E. F.)	
Groser, Leslie H.	Brooklyn, N. Y.	1st Lt., Inf.	Killed in action, November 1, 1918. (A. E. F.)	
Gundlach, Henry W.	New York City	2nd Lt., Inf.	Killed in action, June 6, 1918. (A. E. F.)	
Haen, Arthur G.	Rhinebeck, N. Y.	2nd Lt., A. S.	Killed in action, August 11, 1918. (A. E. F.)	
Hagdon, Charles B.	New York State	Col., Inf. (R. A.)	Died of disease, December 23, 1918, Garden City, N. Y.	
Hagdon, Leland J.	Olean, N. Y.	1st Lt., A. S. C.	Died from accident, February 23, 1918. (A. E. F.)	
Hagar, Luther A.	New York City	Capt., Signal Corps	Died from disease, October 1, 1918. (A. E. F.)	
Hallock, Roy E.	Brooklyn, N. Y.	Capt., A. S.	Died from disease, December 27, 1918, Mont Clair, N. J.	

Hamilton, Otho.	New Rochelle, N. Y.	1st Lt. Inf.	Killed in action, October 6, 1918. (A. E. F.)
Hamm, Arthur E.	West Hampton Beach, N. Y.	Capt. Inf.	Killed in action, September 14, 1918. (A. E. F.)
Hammond, Benjamin T.	New York City	1st Lt. Inf.	Killed in action, September 29, 1918. (A. E. F.)
Handberg, Francis F.	Ogdensburg, N. Y.	1st Lt. M. C.	Died of disease, January 31, 1918. (A. E. F.)
Hand, Jesse D.	New York City	Capt. Inf.	Died of disease, November 24, 1918. (A. E. F.)
Hardy, John C.	Brooklyn, N. Y.	1st Lt. Inf.	Killed in action, September 27, 1918. (A. E. F.)
Harkins, Matthew J.	New York City	1st Lt. Inf.	Died of wounds, October 15, 1918. (A. E. F.)
Harris, Thomas A. E.	New York City	2nd Lt. Inf.	Killed in action, September 6, 1918. (A. E. F.)
Hasckell, Lorenzo O.	White Plains, N. Y.	1st Lt. Inf.	Died of disease, August 31, 1917. Saranac Lake, N. Y.
Hassinger, Philip E.	Mt. Vernon, N. Y.	2nd Lt. A. S. C.	Died from accident, September 14, 1918. (A. E. F.)
Hastings, Thomas W.	Syracuse, N. Y.	Capt. Inf.	Killed in action, October 8, 1918. (A. E. F.)
Hawkinson, Howard E.	New York City	Capt. Inf.	Killed in action, September 29, 1918. (A. E. F.)
Hayward, Harry W.	New York City	Capt. Inf.	Died of wounds, August 11, 1918. (A. E. F.)
Healy, Jefferson A.	New York City	1st Lt. Inf.	Killed in action, October 22, 1918. (A. E. F.)
Heckman, Walter E.	Mt. Vernon, N. Y.	2nd Lt. A. S. C.	Died from accident, June 7, 1918. Lake Charles, La.
Hegerty, John L.	New Dorn, N. Y.	Capt. Eng.	Died of disease, January 29, 1919. Fairfax Co., Va.
Hellman, Carl A.	New York State	Capt. Inf. (1st Lt. Inf.) R. A.	Died of disease, February 12, 1919. (A. E. F.)
Henderson, George E.	Brooklyn, N. Y.	2nd Lt. A. S. C.	Died of disease, October 9, 1918. Brooklyn, N. Y.
Henel, William Jr.	Brooklyn, N. Y.	Capt. M. C.	Died of wounds, October 17, 1918. (A. E. F.)
Henry, Clifford W.	New York City	2nd Lt. Inf.	Died of wounds, October 5, 1918. (A. E. F.)
Hever, William J.	New York City	1st Lt. Inf.	Died of disease, January 3, 1919. (A. E. F.)
Hicks, John R.	New Brighton, N. Y.	Major, M. C.	Died from accident, June 24, 1918. (A. E. F.)
Hinde, Elliot P.	Niagara Falls, N. Y.	Capt. A. S. C.	Killed in action, September 2, 1918. (A. E. F.)
Hitchcock, Roger W.	New York City	2nd Lt. A. S.	Killed in action, October 13, 1918. (A. E. F.)
Hoadley, Sheldon E.	New York City	1st Lt. A.	Died of disease, September 28, 1918. (A. E. F.)
Hobbs, Austin L.	New York City	1st Lt. M. C.	Killed in action, October 12, 1918. (A. E. F.)
Hochstein, David	Rochester, N. Y.	2nd Lt. Inf.	Died of disease, September 21, 1918. (A. E. F.)
Hofman, James J.	New York City	2nd Lt. A. S. A.	Died of disease, January 29, 1919. Ellington Field, Tex.
Hogel, Milton H. Jr.	New York City	2nd Lt. A. S. A.	Died from accident, December 3, 1918. Call Field, Tex.
Hollborn, Clarence E.	Brooklyn, N. Y.	2nd Lt. A. S. A.	Killed in action, November 11, 1918. (A. E. F.)
Holden, Ernest H.	New York City	2nd Lt. Inf.	Killed in action, October 31, 1918. (A. E. F.)
Holm, Nils	Brooklyn, N. Y.	1st Lt. M. C.	Died of disease, October 20, 1918. Ft. Osagehorpe, Ga.
Holsman, Martin M.	New York City	1st Lt. Inf.	Killed in action, September 27, 1918. (A. E. F.)
Hook Alfred J.	Brooklyn, N. Y.	2nd Lt. Inf.	Died, August 3, 1918. Camp Johnston, Fla.
Hooker, James L.	Watertown, N. Y.	2nd Lt. Q. M. C.	Killed in action, July 18, 1918. (A. E. F.)
Hornbeck, Harrison E.	Yonkers, N. Y.	1st Lt. Inf.	Died of disease, December 10, 1918. Ft. Omaha, Neb.
Horning, De Forrest A.	Ponchartraine, N. Y.	1st Lt. A. S. A.	Died of disease, October 10, 1918. (A. E. F.)
Horton, Harding F.	Utica, N. Y.	2nd Lt. Inf.	Died of disease, October 28, 1918. (A. E. F.)
Hovetter, Clarence E.	New York City	2nd Lt. San. Corps	Died of wounds, November 13, 1918. (A. E. F.)
Howard, George	Highland Falls, N. Y.	2nd Lt. Inf.	Died of wounds, August 12, 1918. (A. E. F.)
Howell, George L.	Madison, N. Y.	1st Lt. M. C.	Died of disease, December 28, 1918. (A. E. F.)
Hoyt, Francis B.	Camden, N. Y.	Capt. Inf.	Died of wounds, October 24, 1918. (A. E. F.)
Hughes, Clifford E.	Camden, N. Y.	Capt. Inf.	Killed in action, August 27, 1918. Nogales, Ariz.
Hungerford, Joseph D.	New York State	Capt. Cav. (R. A.)	Died of disease, April 25, 1918. Wichita Falls, Tex.
Imbrie, Harold	New York City	1st Lt. A. S. C.	Killed in action, September 15, 1918. (A. E. F.)
Irish, Eugene J.	Auburn, N. Y.	2nd Lt. Inf.	Died from accident, July 12, 1919. Camp Humphreys, Va.
Jaburek, Charles C.	New York City	Capt. Inf.	Died from accident, January 17, 1918. Lake Charles, La.
Jackson, David R.	Carrollton, N. Y.	1st Lt. A. S. C.	

APPENDIX E—(Continued)

Name	Address	Rank and arm of service	Date and cause of death
Jackson, Franklin J.	Brooklyn, N. Y.	1st Lt., Inf.	Killed in action, September 27, 1918. (A. E. F.)
Jackson, Oliver P.	Buffalo, N. Y.	2nd Lt., A. S. C.	Died from accident, October 29, 1918, Mt. Clemens, Mich. (A. E. F.)
Jacoby, Harold J.	Niagara Falls, N. Y.	1st Lt., Inf.	Died from wounds, October 22, 1918. (A. E. F.)
Jagger, Harvey R.	New York City	2nd Lt., Sig. Corps.	Died from wounds, September 20, 1918. (A. E. F.)
Jager, Raymond B.	New York State	1st Lt., Inf. (2nd Lt., Inf.) R. A.	Killed in action, July 15, 1918. (A. E. F.)
Jennings, Allen H.	New York City	Capt., San. Corps.	Died from accident, December 15, 1918, Camp Shelby, Miss.
Joerg, Alfred N.	Brooklyn, N. Y.	1st Lt., A. S.	Killed in action, July 25, 1918. (A. E. F.)
Johnson, George E.	Richmond Hill, N. Y.	2d Lt., A. S. C.	Died of disease; September 23, 1918, Richmond Hill, L. I., N. Y.
Johnson, Orville P.	Albany, N. Y.	2nd Lt., Inf.	Killed in action, July 18, 1918. (A. E. F.)
Johnstone, Malcolm M.	New York City	1st Lt., Eng.	Killed in action, June 3, 1918. (A. E. F.)
Jones, Arthur M.	New York City	2nd Lt., Inf.	Died from accident, December 6, 1917, Washington, D. C.
Jones, Walter S.	Buffalo, N. Y.	1st Lt., Inf.	Killed in action, September 26, 1918. (A. E. F.)
Joyce, Whitney H.	Unadilla, N. Y.	1st Lt., M. C.	Died of wounds, May 17, 1918. (A. E. F.)
Kammerling, Gordon	New York State	1st Lt., Inf. (2nd Lt., Inf.) R. A.	Killed in action, June 6, 1918. (A. E. F.)
Kanter, Benjamin W.	Brooklyn, N. Y.	2nd Lt., Inf.	Died of wounds, August 31, 1918. (A. E. F.)
Karpas, Morris J.	New York City	Major, M. C.	Died of disease, July 4, 1918. (A. E. F.)
Kearn, Lester W.	New York City	2nd Lt., Inf.	Killed in action, August 31, 1918. (A. E. F.)
Keator, Frank	Kingsford, N. Y.	Capt., M. C.	Died of disease, December 29, 1917, Kingston, N. Y.
Keegan, Charles H.	New York City	2nd Lt., Eng.	Died of disease, November 5, 1918. (A. E. F.)
Keller, Arthur I.	New York City	2nd Lt., Inf.	Killed in action, August 1, 1918. (A. E. F.)
Keller, Frederick W.	New York City	2nd Lt., A. S. C.	Died from accident, June 17, 1918, Clarksdale, Miss.
Keller, Walter S.	New York City	2nd Lt., Inf.	Killed in action, September 17, 1918. (A. E. F.)
Kelly, John A.	Ilion, N. Y.	Capt., Eng.	Killed in action, November 3, 1918. (A. E. F.)
Kelly, John V.	North Tarrytown, N. Y.	2nd Lt., Inf.	Died of disease, August 13, 1919, New York City.
Kelley, Louis F.	Buffalo, N. Y.	Capt., Eng.	Died of disease, January 10, 1918. (A. E. F.)
Kemmer, Jerome E.	Brooklyn, N. Y.	1st Lt., Inf.	Died of disease, August 3, 1918, San Antonio, Tex.
Kendall, Robert E.	Buffalo, N. Y.	1st Lt., Inf.	Killed in action, November 3, 1918. (A. E. F.)
Kennedy, Paul E.	New York City	2d Lt., A. S.	Died of disease, August 16, 1919, Fox Hills, N. Y.
Kennedy, Alvah E.	Hornell, N. Y.	2d Lt., Inf.	Died from accident, October 12, 1918. (A. E. F.)
Kenny, Henry J.	New York City	2d Lt., C. A. C.	Died of wounds, October 11, 1918. (A. E. F.)
Ker, David	New York City	1st Lt., A. S. C.	Died of disease, October 23, 1918. (A. E. F.)
Kieran, Casper M.	Buffalo, N. Y.	2d Lt., A. S. C.	Killed in action, September 12, 1918. (A. E. F.)
Kieran, Thomas, Jr.	New York City	1st Lt., A. S. C.	Died of accident, July 11, 1918. (A. E. F.)
Kings, Fred W.	Brooklyn, N. Y.	Major, Ord.	Died from accident, March 8, 1919. (A. E. F.)
Kings, William R.	Dalhi, N. Y.	2d Lt., Inf.	Died July 18, 1918, Aberdeen, Md.
Knappp, J. Carter	Forestville, N. Y.	1st Lt., Inf.	Killed in action, September 17, 1918. (A. E. F.)
Knight, Frank H.	Brooklyn, N. Y.	Capt., M. C.	Killed in action, October 24, 1918. (A. E. F.)
Knowles, Frank A.	Niagara Falls, N. Y.	2d Lt., Inf.	Died of disease, October 28, 1918. (A. E. F.)
Kristman, Albert L.	New York City	1st Lt., D. C.	Died of wounds, September 2, 1918. (A. E. F.)
Krinsky, Samuel E.	Brooklyn, N. Y.	2d Lt., Inf.	Died of disease, October 4, 1918, Camp Meade, Md.
Kummer, Harry H.	Buffalo, N. Y.	2d Lt., Inf.	Killed in action, September 7, 1918. (A. E. F.)

Kupfer, Arnold E.	New York City	2d Lt.	A. S.	Died of disease, November 10, 1918. (A. E. F.)
Lamar, Edward J.	New York City	1st Lt.	F. A.	Died in action, July 12, 1919. (A. E. F.)
Landry, Joseph A.	Rouses Point, N. Y.	2d Lt.	Inf.	Killed in action, August 26, 1918. (A. E. F.)
Lauber, Michael F.	Saugerties, N. Y.	2d Lt.	Inf.	Died of disease, July 31, 1919. Camp Dix, N. J.
Lethrop, John E.	Fonsters, N. Y.	2d Lt.	Inf.	Killed in action, September 28, 1918. (A. E. F.)
Lethrop, Louis H.	Pike, N. Y.	2d Lt.	F. A.	Died of disease, March 17, 1918. (A. E. F.)
Lederer, Louis J., Jr.	New York City	1st Lt.	Inf.	Killed in action, August 21, 1918. (A. E. F.)
Leibault, Edward N.	Fulton, N. Y.	1st Lt.	Inf.	Died of wounds, October 12, 1918. (A. E. F.)
Leonard, Howard G.	Brooklyn, N. Y.	1st Lt.	Inf.	Killed in action, September 9, 1918. (A. E. F.)
Lewis, Samuel	New York City	1st Lt.	F. A.	Killed in action, August 28, 1918. (A. E. F.)
Liss, Harry M.	New York City	1st Lt.	Inf.	Died of disease, October 19, 1918. (A. E. F.)
Liebmann, Morris N.	Syracuse, N. Y.	1st Lt.	Inf.	Killed in action, October 6, 1918. (A. E. F.)
Lighthall, Philip K.	New York City	Capt.	Eng.	Drowned, February 8, 1918. At Sea.
Lilly, John L.	New York City	1st Lt.	A. S. S. C.	Died of disease, October 6, 1918. Washington, D. C.
Link, Stephen J.	Albany, N. Y.	1st Lt.	Inf.	Died of disease, September 20, 1918. (A. E. F.)
Little, Edwin C. Jr.	Albany, N. Y.	1st Lt.	Inf.	Died from accident, October 22, 1918. Park Fid., Tenn.
Littlebrant, William T.	Albany, N. Y.	2d Lt.	A. S. S. C.	Died of disease, July 2, 1919. Camp McClellan, Ala.
Llewellyn, Robert C.	New York State	Cad.	Cap. R. A.	Killed in action, October 6, 1918. (A. E. F.)
Lockwood, Glenn F.	Brooklyn, N. Y.	1st Lt.	T. C.	Died of disease, November 6, 1918. Douglas, Ariz.
Loque, Quentin R.	Lockport, N. Y.	1st Lt.	Cap.	Killed in action, June 9, 1918. (A. E. F.)
Long, Frank S.	New York City	2d Lt.	Inf.	Killed in action, October 5, 1918. (A. E. F.)
Lothrop, Thompson	New York State	1st Lt.	Inf.	Died of disease, October 12, 1918. Cleveland, Ohio.
Lovell, Lawrence C.	Buffalo, N. Y.	1st Lt.	Q. M. C.	Died from accident, June 29, 1918. (A. E. F.)
Lubits, William M.	Brooklyn, N. Y.	1st Lt.	A. S. S. C.	Died of disease, October 11, 1918. Camp Dix, N. J.
Ludwig, Lloyd	Brooklyn, N. Y.	1st Lt.	D. C.	Died from accident, February 28, 1918. (A. E. F.)
Lyman, John B.	Brooklyn, N. Y.	2d Lt.	A. S. S. C.	Killed in action, October 3, 1918. (A. E. F.)
McArthur, John	Alexandria, Bay, N. Y.	1st Lt.	Inf.	Died of disease, August 9, 1918. Germany
McBride, Allen J.	Buffalo, N. Y.	2d Lt.	Inf.	Killed in action, September 28, 1918. (A. E. F.)
McCarthy, Joseph P.	New York City	2d Lt.	Inf.	Died of disease, September 28, 1918. (A. E. F.)
McCarty, Walter R.	Buffalo, N. Y.	2d Lt.	Q. M. C.	Died of disease, September 20, 1918. (A. E. F.)
McClain, Robert W.	Rochester, N. Y.	2d Lt.	A. S. S. C.	Died of disease, Jefferson City, Mo., December 16, 1918.
McConnell, John W.	Pelham, N. Y.	2d Lt.	A. S. A.	Killed in action, August 26, 1918. (A. E. F.)
McConnell, Frank J.	Valhalla, N. Y.	2d Lt.	Inf.	Killed in action, July 22, 1918. (A. E. F.)
McConnell, James	Richmond Hill, N. Y.	2d Lt.	F. A.	Died of wounds, July 23, 1918. (A. E. F.)
McCord, Archie	Syracuse, N. Y.	2d Lt.	Inf.	Died of disease, October 5, 1918. Camp Beauregard, La.
McCormick, Scott	Long Island, N. Y.	2d Lt.	Inf.	Died from accident, January 17, 1918. (A. E. F.)
McCreery, Frank P.	New York City	2d Lt.	Inf.	Died of disease, October 6, 1918. North Sutton, N. H.
McCreery, Sidney F.	Port Washington, N. Y.	2d Lt.	A. S. S. C.	Died of disease, October 6, 1918. (A. E. F.)
McGrain, Edward O.	New York City	2d Lt.	Inf.	Died from accident, October 8, 1918. (A. E. F.)
Mellwaine, Morris H.	Auburn, N. Y.	2d Lt.	Eng. C.	Died from accident, September 18, 1918. Hoboken, N. J.
McKeever, James L.	New York City	2d Lt.	Q. M. C.	Killed in action, July 28, 1918. (A. E. F.)
McKenna, James A., Jr.	New York City	2d Lt.	A. S.	Died from accident, April 26, 1919. (A. E. F.)
McKinney, Oakley W.	Brooklyn, N. Y.	2d Lt.	A. S.	Died of disease, December 5, 1918. Ft. Riley, Kas.
McLaurin, William B.	New York State	Major	Inf.	Died of disease, December 21, 1918. Rochester, N. Y.
McNab, Robert R.	Rochester, N. Y.	Major	Inf.	Died of wounds, August 6, 1918. (A. E. F.)
MacDonough, Joseph G.	Manassas, N. Y.	2d Lt.	Inf.	

APPENDIX E—(Continued)

Name	Address	Rank and arm of service	Date and cause of death
Masbeski, William J.	Brooklyn, N. Y.	1st Lt., Inf.	Killed in action, October 15, 1918. (A. E. F.)
Mackay, Harold G.	Buffalo, N. Y.	1st Lt., Inf.	Killed in action, September 29, 1918. (A. E. F.)
Mahon, John P.	New York City.	2d Lt., Inf.	Killed in action, November 3, 1918. (A. E. F.)
Mahn, Herbert A.	New York State.	Capt. Q. M. C., 2d Lt., Q. M. C. (R. A.)	Died of disease, February 8, 1918, Camp Lee, Va. (A. E. F.)
Maloy, James L.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, September 27, 1918. (A. E. F.)
Manning, John S.	Brooklyn, N. Y.	Capt., Inf.	Died of wounds, July 25, 1918. (A. E. F.)
Marley, Harry S.	New York City.	1st Lt., M. C.	Died of disease, November 18, 1918, Camp Eustis, Va. (A. E. F.)
Markham, Robert B.	Turin, N. Y.	2d Lt., A. S. C.	Died from accident, April 13, 1918, Kelly Fld., Texas. (A. E. F.)
Markwich, Robert W.	Philadelphia, N. Y.	Capt., Inf.	Killed in action, October 25, 1918. (A. E. F.)
Marian, Ralph R.	Watertown, N. Y.	1st Lt., Eng.	Killed in action, October 17, 1918. (A. E. F.)
Martin, Henry S.	Brooklyn, N. Y.	1st Lt., A. S. C.	Killed from accident, November 23, 1918. (A. E. F.)
Martin, Robert C.	Brooklyn, N. Y.	2d Lt., Inf.	Died in action, October 28, 1918. (A. E. F.)
Mason, Joseph J.	New York City.	1st Lt., A. S. C.	Killed from accident, July 19, 1918. (A. E. F.)
Mathews, Richard P.	New York City.	2d Lt., A. S. C.	Killed in action, Sept. 26, 1918. (A. E. F.)
Maurice, Benjamin V.	Manaroneck, N. Y.	1st Lt., A. S. C.	Killed from accident, May 13, 1918, Ellington Fld., Texas. (A. E. F.)
Masson, Earl W.	Cambridge, N. Y.	1st Lt., Inf.	Killed in action, September 29, 1918. (A. E. F.)
May, James DeG.	New York City.	1st Lt., A. S. C.	Died from accident, May 9, 1918, Kelly Fld., Texas. (A. E. F.)
Mead, Theodore F.	New York City.	Capt., M. C.	Died from wounds, October 30, 1918. (A. E. F.)
Meade, Francis L.	New York City.	2d Lt., Inf.	Died of disease, November 5, 1919, Fort Hills, N. Y. (A. E. F.)
Merkel, Louis J.	New York City.	2d Lt., A. S. C.	Died from accident, August 10, 1918, Camp Alfred Wal, N. J. (A. E. F.)
Mickle, Harold P.	Seneca Falls, N. Y.	1st Lt., M. C.	Died of disease, March 27, 1919. (A. E. F.)
Miller, George N., Jr.	New York City.	2d Lt., A. S. C.	Killed in action, March 9, 1918. (A. E. F.)
Miller, James E.	New York City.	1st Lt., A. S. C.	Died of disease, October 20, 1918. (A. E. F.)
Mills, Adelbert P.	New York City.	2d Lt., A. S. C.	Died from wounds, June 17, 1918. (A. E. F.)
Mills, Harold C.	Ithaca, N. Y.	Capt., Eng.	Died from wounds, July 25, 1918. (A. E. F.)
Mills, Philip C.	Troy, N. Y.	2d Lt., Inf.	Killed in action, March 9, 1918. (A. E. F.)
Mills, Quincy S.	New York City.	Capt., Inf.	Died from wounds, July 25, 1918. (A. E. F.)
Millsapugh, Kenneth R.	New York City.	1st Lt., Eng.	Killed in action, November 10, 1918. (A. E. F.)
Minton, Charles A.	Newburgh, N. Y.	1st Lt., Inf.	Died from wounds, October 18, 1918. (A. E. F.)
Mitchell, John P.	New York City.	Major, A. S. C.	Died from accident, July 6, 1918, Gensert Fld., La. (A. E. F.)
Mitchell, John E.	Cedarhurst, N. Y.	Capt., Sig. Cps.	Died of disease, October 6, 1918. (A. E. F.)
Modes, Frederick A.	Jamaica, N. Y.	1st Lt., A. S. C.	Died of disease, February 22, 1919. (A. E. F.)
Montague, Danforth	New York City.	1st Lt., M. C.	Died from wounds, March 26, 1918. (A. E. F.)
Mooney, Edward L.	Synagogue, N. Y.	2d Lt., F. A.	Died from accident, April 25, 1919. (A. E. F.)
Moore, Charles C.	New York City.	1st Lt., Inf.	Died of disease, November 29, 1918. (A. E. F.)
Moore, Henry T.	Parishville, N. Y.	1st Lt., Inf.	Killed in action, April 12, 1918. (A. E. F.)
Moran, John J.	Parishville, N. Y.	1st Lt., Inf.	Died January 12, 1919. (A. E. F.)
Morgan, Harold S.	New York City.	2d Lt., M. C.	Died from wounds, July 18, 1918. (A. E. F.)
Morris, Jesse B.	New Point, N. Y.	1st Lt., Inf.	Died from accident, May 22, 1918. (A. E. F.)
Morrison, John S.	Blue Point, N. Y.	2d Lt., Inf.	Killed in action, May 20, 1918. (A. E. F.)
Mortimer, Richard, Jr.	Tusado Park, N. Y.	1st Lt., A. S. C.	
Mosher, Henry E.	New York State.	Capt. Inf. (1st Lt., Inf.), R. A.	

Munson, James F.	Source, N. Y.	Capt. M. C.	Died of disease, October 25, 1918, Plattsburg, N. Y.
Murphy, John O.	Mt. Vernon, N. Y.	2d Lt. Inf.	Killed in action, November 5, 1918, (A. E. F.)
Murray, Charles F. A.	Rochester, N. Y.	2d Lt. Inf.	Died from wounds, October 5, 1918, (A. E. F.)
Murray, James B.	Utica, N. Y.	2d Lt. A. S. A.	Died from disease, November 8, 1918, Detroit, Mich.
Murray, Kenneth P.	New York State	2d Lt. Inf. (R. A.)	Died from wounds, July 15, 1918, (A. E. F.)
Murray, William F.	Brooklyn, N. Y.	Capt. Inf.	Died March 24, 1919, Chicago, Ill.
Naughton, Harold L.	Elmira, N. Y.	Major J. A. G.	Died from accident, December 1, 1918, New York City.
Neubert, Bedell, M.	New York City	Capt. Inf.	Died from wounds, October 17, 1918, (A. E. F.)
Newcomb, William W.	New York City	2d Lt. A. S. A.	Died from accident, September 15, 1918, (A. E. F.)
Nicoll, Francher	Poughkeepsie, N. Y.	Capt. Ord.	Died of disease, October 9, 1918, (A. E. F.)
Noble, Heath E.	Brooklyn, N. Y.	1st Lt. Inf.	Died in action, September 29, 1918, (A. E. F.)
Noble, Raymond H.	Brooklyn, N. Y.	Capt. Ord.	Died from wounds, July 29, 1918, (A. E. F.)
Nolan, Frank A.	Saratoga Springs, N. Y.	2d Lt. M. C.	Died of disease, October 13, 1918, Washington, D. C.
Nolan, Martin F.	North Tonawanda, N. Y.	1st Lt. Inf.	Died of disease, October 9, 1918, (A. E. F.)
Noon, Alfred E.	Brooklyn, N. Y.	2d Lt. Inf.	Killed in action, October 8, 1918, (A. E. F.)
O'Brien, Thomas A.	New York City	2d Lt. Inf.	Killed in action, August 26, 1918, (A. E. F.)
O'Connor, William F.	New York State	Capt. Inf. (1st Lt. Inf.), R. A.	Died of wounds, October 12, 1918, (A. E. F.)
O'Dowd, Dennis H.	New York State	Capt. Inf. (1st Lt. Inf.), R. A.	Died from accident, July 12, 1919, Little Rock, Ark.
Olhausen, Jay H.	New York City	1st Lt. Inf.	Died of disease, October 1, 1918, (A. E. F.)
Olstein, Mathew	New York State	1st Lt. Inf.	Died from wounds, October 1, 1918, (A. E. F.)
O'Neale, James S., Jr.	Peekskill, N. Y.	1st Lt. M. C.	Died of disease, December 4, 1918, (A. E. F.)
Orchard, William E.	New York City	1st Lt. Inf.	Died from wounds, September 30, 1918, (A. E. F.)
Ornstein, Albert J.	New York City	1st Lt. Inf.	Died of disease, January 5, 1919, (A. E. F.)
Oser, Thomas E.	Cold Brook, N. Y.	Capt. M. C.	Died from accident, October 15, 1918, (A. E. F.)
Oetberg, Charles G.	Brooklyn, N. Y.	1st Lt. A. S. S. C.	Killed in action, October 8, 1918, (A. E. F.)
Orrington, Carter L.	New York City	2d Lt. Inf.	Died from accident, February 1, 1918, Ft. Worth, Texas.
Page, David S., Jr.	New York City	2d Lt. Inf.	Killed in action, October 8, 1918, (A. E. F.)
Palmer, Keene M.	Quawago, N. Y.	2d Lt. Inf.	Killed in action, November 10, 1918, (A. E. F.)
Patten, John A.	South Dayton, N. Y.	Capt. A. S. S. C.	Died from accident, June 30, 1918, Mincola, N. Y.
Payne, De Witt J.	New York City	2d Lt. Inf.	Killed in action, March 11, 1918, (A. E. F.)
Peabody, Marshall G.	New York City	2d Lt. Inf.	Killed in action, September 26, 1918, (A. E. F.)
Pearl, Herbert W.	Mt. Vernon, N. Y.	2d Lt. Inf.	Killed in action, November 4, 1918, (A. E. F.)
Penny, James J.	New York State	2d Lt. A. S. S. C.	Killed in action, October 31, 1918, (A. E. F.)
Petersen, Louis	New York City	1st Lt. Inf.	Killed in action, October 18, 1918, (A. E. F.)
Peterson, Rudolph E.	Brooklyn, N. Y.	1st Lt. A. S.	Died from accident, February 25, 1918, (A. E. F.)
Phelan, Richard	Jamestown, N. Y.	Capt. Inf.	Died from wounds, August 30, 1918, (A. E. F.)
Phelps, John C.	Binghamton, N. Y.	1st Lt. A. S. S. C.	Died from accident, February 27, 1918, (A. E. F.)
Philipoteaux, George C.	New York City	2d Lt. A. S. A.	Killed in action, September 13, 1918, Lake Charles, Va.
Pickett, Norman O.	New York City	1st Lt. M. C.	Died from accident, May 21, 1918, Lake Charles, Va.
Pinckus, Irving J.	Brooklyn, N. Y.	Capt. Inf.	Died from accident, November 13, 1918, (A. E. F.)
Platt, Lawrence H.	New Rochelle, N. Y.	2d Lt. A. S. S. C.	
Plumpton, Chester H.	New York City	2d Lt. A. S. S. C.	
Plummer, Louis F.	New Rochelle, N. Y.	2d Lt. A. S. S. C.	
Folk, Latham	Camden, N. Y.	2d Lt. A. S. S. C.	
Fond, Richard E.			

APPENDIX E—(Continued)

Name	Address	Rank and arm of service	Date and cause of death
Porter, James J.	New York City	2d Lt., Inf.	Killed in action, October 6, 1918. (A. E. F.)
Porter, Wilfred W., Jr.	Syracuse, N. Y.	1st Lt., Inf.	Died, August 20, 1918. (A. E. F.)
Post, Isaac	New York City	Capt., S. C.	Died of disease, April 2, 1918, Little Silver, N. J.
Potter, Edward E.	Plattsburg, N. Y.	1st Lt., A. S. C.	Died from accident, August 1, 1918. (A. E. F.)
Potter, Sanford H.	Buffalo, N. Y.	2d Lt., F. A.	Died of disease, October 17, 1918, Camp Taylor, Ky.
Pouch, Harold P.	New Brighton, N. Y.	1st Lt., Inf.	Died from wounds, October 15, 1918. (A. E. F.)
Preston, Allan H.	Elmhurst, N. Y.	2d Lt., F. A.	Died of disease, October 21, 1918, Camp Taylor, Ky.
Preston, Harry C.	New York City	1st Lt., A. S. A.	Killed in action, September 26, 1918. (A. E. F.)
Purcell, Albert E., Jr.	New York State	1st Lt., Inf. R. A.	Killed in action, July 18, 1918. (A. E. F.)
Rand, George L.	Lawrence, N. Y.	1st Lt., A. S. C.	Died February 6, 1918. (A. E. F.)
Ranich, Herbert E.	Albany, N. Y.	Capt., C. A. C.	Died of disease, October 10, 1918, at sea.
Rausch, Robert	New York City	1st Lt., Inf.	Killed in action, October 4, 1918. (A. E. F.)
Raven, Richard M.	Bay Shore, N. Y.	2d Lt., Inf.	Killed in action, October 18, 1918. (A. E. F.)
Ray, Harry J.	Brooklyn, N. Y.	2d Lt., C. A. C.	Died of disease, October 20, 1918. (A. E. F.)
Reid, Stephen J. H.	Schoddy, N. Y.	Capt., F. A.	Killed in action, October 3, 1918. (A. E. F.)
Reid, Samuel J.	Brooklyn, N. Y.	1st Lt., F. A.	Killed in action, August 22, 1918. (A. E. F.)
Reid, William R.	New York City	1st Lt., Inf.	Killed in action, August 22, 1918. (A. E. F.)
Reynolds, Matthew G., Jr.	New York City	1st Lt., F. A.	Killed in action, August 22, 1918. (A. E. F.)
Rhineander, Philip N.	Lawrence, N. Y.	1st Lt., F. A.	Died of disease, January 5, 1919. (A. E. F.)
Rice, Victor M.	Balaclava, N. Y.	Capt., M. C.	Killed in action, September 26, 1918. (A. E. F.)
Rice, Wilhelmus M.	Auburn, N. Y.	1st Lt., Inf.	Died of disease, October 13, 1918, Ft. Oglethorpe, Ga.
Ripperger, Clarence W.	Long Island City, N. Y.	2d Lt., A. S. C.	Died from wounds, October 2, 1918. (A. E. F.)
Roberts, Francis M.	Watertown, N. Y.	2d Lt., A. S. C.	Died of disease, January 22, 1919. (A. E. F.)
Robinson, Arthur W.	Richmond Hill, N. Y.	2d Lt., P. A.	Died from accident, June 29, 1918, Payne Field, Texas.
Robinson, Harry	Elmhurst, N. Y.	2d Lt., Inf.	Killed in action, February 20, 1918. (A. E. F.)
Rooy, Charles T.	Solvay, N. Y.	2d Lt., Inf.	Killed in action, October 5, 1918. (A. E. F.)
Rockwood, Richard B.	Brooklyn, N. Y.	2d Lt., Inf.	Died from wounds, September 28, 1918. (A. E. F.)
Rogers, Newton C.	Canastota, N. Y.	1st Lt., A. S. S. C.	Killed in action, September 16, 1918. (A. E. F.)
Roos, James J.	Brooklyn, N. Y.	1st Lt., Inf.	Killed in action, October 18, 1918. (A. E. F.)
Roosevelt, James A.	New York City	1st Lt., Inf.	Died of disease, March 26, 1919, at sea.
Rose, Philip L.	Oyster Bay, N. Y.	2d Lt., A. S. C.	Killed in action, July 14, 1918. (A. E. F.)
Rosenthal, Joseph D.	New York City	1st Lt., M. C.	Killed in action, October 22, 1918, Manhattan, Pa.
Ross, Harold G.	Yonkers, N. Y.	Capt., Inf. M. C.	Died of disease, October 22, 1918. (A. E. F.)
Ross, James G.	New York City	Capt., Inf. M. C.	Killed in action, September 17, 1918. (A. E. F.)
Rossell, Charles L.	Chaco, N. M.	Capt., Inf. M. C.	Died of disease, November 19, 1919, Ft. McHenry, Md.
Rousar, Zoulik	Brooklyn, N. Y.	2d Lt., Inf.	Died of disease, October 13, 1918. (A. E. F.)
Roseck, Frederick W.	Brooklyn, N. Y.	2d Lt., Inf.	Died from accident, March 25, 1919, Carlisle Field, Pa.
Rubel, Solomon	New York City	1st Lt., Inf.	Died of disease, December 27, 1918. (A. E. F.)
Rucklin, Gilbert P.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, July 26, 1918. (A. E. F.)
Ryan, John M.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, September 26, 1918. (A. E. F.)
Ryan, William T.	New York City	1st Lt., A. S. S. C.	Killed in action, September 12, 1918. (A. E. F.)
Sackett, George W.	New York State	Capt., Inf. 1st Lt., Inf. (R. A.)	Died of disease, October 16, 1918, Washington, D. C.
Sanderson, Mortimer	New York State	1st Lt., D. C. (Maj.), D. C. (R. A.)	Killed in action, October 10, 1918. (A. E. F.)
			Died of disease, July 30, 1918, Deming, N. M.

Sanger, Ralph	New York City	Capt., A. S. C.	Died from accident, August 29, 1918. (A. E. F.)
Satterlee, Edward L.	New York City	Capt., Sig. Cps.	Died of disease, December 4, 1918. (A. E. F.)
Scanlan, Horace B.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, September 27, 1918. (A. E. F.)
Schenck, Gordon L.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, October 8, 1918. (A. E. F.)
Schilling, Franz F.	Schenectady, N. Y.	1st Lt., A. S.	Killed in action, July 2, 1918. (A. E. F.)
Schlosser, Arthur L.	Buffalo, N. Y.	Capt., Inf.	Killed in action, September 27, 1918. (A. E. F.)
Schneider, Benjamin	Brooklyn, N. Y.	1st Lt., Inf.	Killed in action, November 10, 1918. (A. E. F.)
Schreder, Goodman	Haverstraw, N. Y.	2d Lt., A. S.	Died of disease, December 21, 1918. Vancouver, Wash.
Schreiber, Edwin B.	Hopewell Junction, N. Y.	2d Lt., A. S.	Died from accident, August 8, 1918. (A. E. F.)
Schuyler, Roy A.	Pattersonville, N. Y.	1st Lt., Inf.	Killed in action, September 26, 1918. (A. E. F.)
Schwab, Stephen M.	New York City	1st Lt., Inf.	Killed in action, September 29, 1918. (A. E. F.)
Schwartz, Sydney U.	New York City	2d Lt., Inf.	Killed in action, October 9, 1918. (A. E. F.)
Seobell, Henry J.	Cape Vincent, N. Y.	2d Lt., Inf.	Died of wounds, November 15, 1918. (A. E. F.)
Soott, Fay M.	Buffalo, N. Y.	1st Lt., Inf.	Killed in action, November 1, 1918. (A. E. F.)
Scudder, Philip J.	Halesite, N. Y.	1st Lt., Inf.	Killed in action, November 1, 1918. (A. E. F.)
Sellers, Lee W.	New York City	Interp. C.	Died of disease, June 2, 1919. (A. E. F.)
Seward, Leon E.	Broadbalk, N. Y.	2d Lt., A. S. A.	Died of disease, October 17, 1918. Amsterdam, N. Y.
Shaw, John S.	New York City	1st Lt., Inf.	Killed in action, November 3, 1918. (A. E. F.)
Shear, Harold E.	New York City	1st Lt., M. C.	Died of disease, October 3, 1918. (A. E. F.)
Shelley, John H.	Mattituck, N. Y.	2d Lt., Inf.	Died of disease, November 20, 1918. New York City.
Shepard, Romaine	Saratoga Lake, N. Y.	2d Lt., Ord.	Died of disease, November 30, 1918. (A. E. F.)
Sheridan, Richard B.	Brooklyn, N. Y.	2d Lt., Inf.	Killed in action, August 23, 1918. (A. E. F.)
Sherwood, Oliver B.	Brooklyn, N. Y.	1st Lt., Inf.	Died from accident, January 20, 1918. (A. E. F.)
Shireman, Mervin E.	Brooklyn, N. Y.	1st Lt., A. S. C.	Died of disease, December 27, 1918. Camp Gordon, Ga.
Shropshire, Ralph F.	Sackett Harbor, N. Y.	1st Lt., Inf.	Died of disease, January 29, 1918. Philadelphia, Pa.
Silverstein, Herman	New York City	Capt., Q. M. C.	Died of disease, February 17, 1919. (A. E. F.)
Simes, Frank L.	Albany, N. Y.	2d Lt., Inf.	Died of wounds, October 1, 1918. (A. E. F.)
Singleton, Jovett F.	Rochester, N. Y.	1st Lt., Inf.	Died of wounds, June 24, 1918. (A. E. F.)
Skraft, Joseph A.	New York City	2d Lt., Inf.	Killed in action, August 5, 1918. (A. E. F.)
Slesinger, Albert	New York City	2d Lt., Inf.	Died of disease, January 25, 1919. Camp Jackson, S. C.
Slocum, Russell	New York State	1st Lt., Inf. (2d Lt., Inf.), R. A.	Killed in action, September 27, 1918. (A. E. F.)
Slooman, James S.	New York City	Capt., Inf.	Died of wounds, October 15, 1918. (A. E. F.)
Smart, Daniel S.	Cambridge, N. Y.	Chaplain, 1st Lt.	Killed in action, September 12, 1918. (A. E. F.)
Smith, Charles C.	Brooklyn, N. Y.	2d Lt., Inf.	Died, December 5, 1918. (A. E. F.)
Smith, Charles G.	Buffalo, N. Y.	1st Lt., Q. M. C.	Killed in action, October 17, 1918. (A. E. F.)
Smith, Dick D.	Rochester, N. Y.	2d Lt., Inf.	Killed in action, July 22, 1918. (A. E. F.)
Smith, Hamilton A.	New York State	Col., N. A. (Lt. Col. Inf.), R. A.	Killed in action, August 24, 1918. (A. E. F.)
Smith, Henry B.	New York City	2d Lt., Inf.	Died from accident, December 21, 1918. (A. E. F.)
Smith, Henry C.	New York City	2d Lt., A. S.	Killed in action, July 28, 1918. (A. E. F.)
Smith, Herman H.	Brooklyn, N. Y.	1st Lt., Inf.	Killed in action, August 38, 1918. (A. E. F.)
Smith, Homer R.	Fulton, N. Y.	2d Lt., Inf.	Killed in action, June 22, 1918. (A. E. F.)
Smith, J. Clovis	Rochester, N. Y.	2d Lt., Inf.	Killed in action, Sept. 29, 1918. (A. E. F.)
Smith, Joseph W.	Buffalo, N. Y.	2d Lt., Inf.	Killed in action, August 17, 1918. (A. E. F.)
Smyth, Walter W.	New York City	Capt., Inf.	Died from accident, July 21, 1918. Ft. Worth, Texas.
Snyder, Robert Y.	Elmira, N. Y.	1st Lt., A. S. C.	Died of disease, October 15, 1918. (A. E. F.)
Solovei, Samuel	New York City	2d Lt., M. C.	Died of disease, July 14, 1918. (A. E. F.)
Spiegelberg, Sidney L.	New York City	1st Lt., M. C.	Died of disease, November 13, 1918. (A. E. F.)
Starrett, Harry C.	Brooklyn, N. Y.	Capt., Inf.	Died of disease, November 13, 1918. (A. E. F.)

APPENDIX E—(Continued)

Name	Address	Rank and arm of service	Date and cause of death
Stearns, Jerome	Glens Falls, N. Y.	2d Lt., C. A. C.	Died September 4, 1918, New York City
Stein, George	New York City	1st Lt., Inf.	Killed in action, May 28, 1918, (A. E. F.)
Stephens, Albert L.	New York City	1st Lt., Engrs.	Died of disease, October 12, 1918, Camp Humphries, Va.
Stevens, Harry A.	Brooklyn, N. Y.	2d Lt., Inf.	Died of wounds, October 3, 1918, (A. E. F.)
Stevens, John H.	Albion, N. Y.	2d Lt., Inf.	Killed in action, July 31, 1918, (A. E. F.)
Stewart, Frank M.	Rochester, N. Y.	1st Lt., A. S. S. C.	Died of wounds, October 8, 1918, (A. E. F.)
Stewart, James D.	New York City	2d Lt., A. S.	Died from accident, August 15, 1919, Paducah, Ky.
Stillwell, Thomas V.	New York City	2d Lt., Inf.	Killed in action, July 18, 1918, (A. E. F.)
Stock, Carl J.	Niagara Falls, N. Y.	2d Lt., Inf.	Killed in action, October 19, 1918, (A. E. F.)
Stoddard, John	Brooklyn, N. Y.	Major, F. A.	Died of disease, October 20, 1918, Ft. Sill, Okla.
Strahan, Donald P.	Wappinger Falls, N. Y.	2d Lt., A. S. S. C.	Died from accident, October 22, 1918, (A. E. F.)
Straight, Burr D.	Almond, N. Y.	2d Lt., Inf.	Died in action, October 3, 1918, (A. E. F.)
Straight, Willard O.	Old Westbury, N. Y.	Major, Inf.	Died of disease, November 30, 1918, (A. E. F.)
Strong, Ellsworth O.	New York City	2d Lt., F. A.	Killed in action, August 25, 1918, (A. E. F.)
Stuart, William A.	New York City	1st Lt., A. S. S. C.	Killed in action, September 16, 1918, (A. E. F.)
Sunderlin, Raymond J.	Brooklyn, N. Y.	2d Lt., Inf.	Died of wounds, October 20, 1918, (A. E. F.)
Sykes, James J.	New York City	2d Lt., A. S.	Killed in action, August 6, 1918, (A. E. F.)
Talley, Allen W.	New York State	1st Lt., Inf. (2 Lt., Inf.), B. A.	Killed in action, October 7, 1918, (A. E. F.)
Tarr, Terry S.	Buffalo, N. Y.	2d Lt., Inf.	Killed in action, July 23, 1918, (A. E. F.)
Taylor, Abernathy S.	Brooklyn, N. Y.	2d Lt., Inf.	Died of disease, October 13, 1918, (A. E. F.)
Taylor, Herbert D.	New York City	1st Lt., M. C.	Died in action, October 7, 1918, New York City.
Taylor, Moses, Jr.	New York City	1st Lt., Inf.	Died of wounds, March 23, 1918, (A. E. F.)
Taylor, William H.	New York City	1st Lt., A. S.	Killed in action, Sept. 18, 1918, (A. E. F.)
Tenney, Cabell B.	New York City	2d Lt., F. A.	Died of disease, January 10, 1918, Douglas, Ariz.
Thaw, Alexander B.	New York City	1st Lt., A. S.	Died from accident, August 18, 1918, (A. E. F.)
Thomas, Gerald P.	Flushing, N. Y.	2d Lt., A. S.	Killed in action, September 22, 1918, (A. E. F.)
Thomas, Otis B.	Yonkers, N. Y.	2d Lt., Inf.	Died of wounds, Sept. —, 1918, (A. E. F.) Germany.
Thompson, Hugh S.	New York City	1st Lt., A. S.	Died of wounds, Sept. —, 1918, (A. E. F.)
Thompson, Sidney P.	Ithaca, N. Y.	1st Lt., Q. M. C.	Killed in action, July 5, 1918, (A. E. F.)
Thorpe, Herbert F.	New York City	1st Lt., Q. M. C.	Died of disease, October 11, 1918, (A. E. F.)
Thrasher, Harry D.	New York City	2d Lt., A. S.	Killed in action, August 11, 1918, (A. E. F.)
Tieborne, Herbert M.	St. Vrain, N. Y.	2d Lt., A. S.	Died from accident, December 23, 1919, March Field, Cal.
Tidball, Jan L., Jr.	Buffalo, N. Y.	2d Lt., A. S.	Died of accident, October 10, 1918, (A. E. F.)
Tidwell, James S.	Highland Falls, N. Y.	2d Lt., Inf.	Killed in action, June 14, 1918, (A. E. F.)
Tinnerholm, Ivar E.	Schenectady, N. Y.	2d Lt., A. S.	Died of accident, July 22, 1918, Tellerfield, Texas.
Topping, Nathaniel H.	Schenectady, N. Y.	2d Lt., A. S.	Died of accident, August 23, 1918, Memphis, Tenn.
Tousaint, Arthur F. C.	New York City	2d Lt., Ord.	Died of disease, October 6, 1918, (A. E. F.)
Treadwell, Alvin H.	Poughkeepsie, N. Y.	1st Lt., A. S.	Died of wounds, November 16, 1918, (A. E. F.)
Tredy, Malcolm W.	New York City	2d Lt., Q. M. C.	Died of disease, April 7, 1919, (A. E. F.)
Troy, Donald J.	Shirburne, N. Y.	2d Lt., Inf.	Died of disease, October 16, 1918, Philadelphia, Pa.
Tuohy, John J.	Brooklyn, N. Y.	Capt. Ord.	Died of disease, October 23, 1918, (A. E. F.)
Turn, Raymond P.	New York City	1st Lt., Inf.	Killed in action, September 28, 1918, (A. E. F.)
Turner, Charles W.	Coney Island, N. Y.	1st Lt., Inf.	Killed in action, October 3, 1918, (A. E. F.)
Turner, Ralph W.	Troy, N. Y.	1st Lt., M. C.	Died of disease, October 17, 1918, Ft. Oglethorpe, Ga.
Turner, William B.	Garden City, N. Y.	1st Lt., Inf.	Killed in action, September 27, 1918, (A. E. F.)

Tyler, John C.	Brooklyn, N. Y.	1st Lt. A. S.	Killed in action, September 18, 1918. (A. E. F.)
Vail, Herman H.	Poughkeepsie, N. Y.	Capt. Inf.	Killed in action, October 26, 1918. (A. E. F.)
Valentine, Herman W.	New Rochelle, N. Y.	2d Lt. A. S.	Died of accident, May 4, 1918. (A. E. F.)
Vandusen, Edwin J.	Catskill, N. Y.	2d Lt. C. W. S.	Died of disease, June 13, 1919. Otisville, N. Y., Fla.
Van Schoonhoven, Francis	Saratoga, N. Y.	1st Lt. C. W. S.	Killed in action, November 3, 1918. (A. E. F.)
Van Thun, William	Brooklyn, N. Y.	Capt. Inf.	Died October 3, 1918. (A. E. F.)
Vermilyea, Sidney C.	Dresden, N. Y.	1st Lt. M. C.	Died of wounds, November 2, 1918. (A. E. F.)
Vernam, Remington	New York City	1st Lt. A. S.	Died of wounds, December 1, 1918. (A. E. F.)
Vincent, Jefferson D.	Buffalo, N. Y.	1st Lt. A. S. C.	Died of accident, May 14, 1918. (A. E. F.)
Vols, Victor	New York City	2d Lt. Inf.	Died of disease, October 4, 1918. (A. E. F.)
Wade, Ellis	New York City	2d Lt. C. A. C.	Died of disease, December 27, 1918. (A. E. F.)
Waite, Alan	Yonkers, N. Y.	1st Lt. Inf.	Killed in action, September 20, 1918. (A. E. F.)
Walker, Russel T.	Brooklyn, N. Y.	1st Lt. A. S.	Died of disease, October 16, 1918. (A. E. F.)
Walker, Warren T.	Saratoga, N. Y.	Capt. M. C.	Died of accident, October 10, 1918. Rahway, N. J.
Walrath, Carey J.	Herkimer, N. Y.	1st Lt. Inf.	Killed in action, September 20, 1918. (A. E. F.)
Walsh, John A.	New York City	1st Lt. Eng.	Killed in action, October 16, 1918. (A. E. F.)
Walsh, Michael J.	Hempstead, N. Y.	Capt. Inf.	Killed in action, October 15, 1918. (A. E. F.)
Walker, Arthur	Brooklyn, N. Y.	2d Lt. Inf.	Killed in action, July 30, 1918. (A. E. F.)
Waring, William W.	Buffalo, N. Y.	1st Lt. A. S.	Died of disease, October 30, 1918. (A. E. F.)
Warner, Chester I.	Troy, N. Y.	Major M. C.	Died of disease, May 23, 1919. Troy, N. Y.
Wassbauer, Edward	New York City	1st Lt. Inf.	Killed in action, September 20, 1918. (A. E. F.)
Webster, Willard M.	New York City	2d Lt. Inf.	Killed in action, September 27, 1918. (A. E. F.)
Weil, Richard	New York City	Major M. C.	Died of disease, November 19, 1917. Co. Wheeler, Ga.
Welch, John J.	Niagara Falls, N. Y.	1st Lt. Inf.	Killed in action, November 24, 1918. (A. E. F.)
Wells, Broys H.	New York City	Capt. M. C.	Died of accident, July 6, 1917. New York City
Welsh, Karl H.	Albany, N. Y.	1st Lt. M. C.	Died of disease, October 26, 1918. Co. Kearny, Cal.
Wesler, Karl H.	Brooklyn, N. Y.	2d Lt. Inf.	Killed in action, September 12, 1918. (A. E. F.)
Whelan, Tamm D.	New York State	1st Lt. Cav.	Died of wounds, September 6, 1918. (A. E. F.)
Whelan, Rase W.	New York City	Capt. M. C.	Died of disease, September 25, 1918. Boston, Mass.
Whelan, John	West New Brighton, N. Y.	2d Lt. A. S. C.	Died of disease, October 17, 1918. Chicago, Ill.
White, Clarence H.	Columbia, N. Y.	1st Lt. M. C.	Died of disease, November 2, 1918. (A. E. F.)
White, Sherman	New York State	1st Lt. A. S.	Died of disease, November 3, 1918. (A. E. F.)
White, W. W.	New York City	2d Lt. A. S.	Killed in action, October 30, 1918. (A. E. F.)
Whiting, Clinton L.	Brooklyn, N. Y.	1st Lt. Inf.	Died of wounds, October 23, 1918. (A. E. F.)
Whitlock, Edgar M.	New York City	1st Lt. Eng.	Killed in action, September 20, 1918. (A. E. F.)
Wicks, Glenn R.	Saratoga, N. Y.	1st Lt. A. S.	Died of accident, August 19, 1918. (A. E. F.)
Wilder, John H.	New York City	1st Lt. A. S. C.	Died of wounds, April 20, 1918. (A. E. F.)
Williams, Charles S.	Buffalo, N. Y.	1st Lt. A. S.	Died of disease, May 7, 1918. Northampton, Mass.
Williams, Earl T.	Buffalo, N. Y.	2d Lt. A. S. C.	Died of accident, May 21, 1918. Lake Charles, La.
Williams, Spencer C.	New York City	1st Lt. Inf.	Killed in action, September 20, 1918. (A. E. F.)
Wilson, Alexander D.	Geneva, N. Y.	Capt. Inf.	Died August 22, 1918. (A. E. F.)
Winstow, Cornelius	Tuxedo Park, N. Y.	2d Lt. Inf.	Died of wounds, October 20, 1918. (A. E. F.)
Wolfe, Frank X.	Astoria, N. Y.	1st Lt. F. A. (R. A.)	Killed in action, August 16, 1918. (A. E. F.)
Wolf, Francis A.	New York State	2d Lt. A. S.	Killed in action, September 13, 1918. (A. E. F.)
Woodward, Richard F., Jr.	Richmond, N. Y.	1st Lt. Inf.	Died of accident, October 10, 1918. (A. E. F.)
Wright, Jack M.	New York City	1st Lt. A. S. C.	Died of accident, Jan. 28, 1918. (A. E. F.)
Young, Henry M.	New York City	2d Lt. A. S. A.	Died of disease, December 14, 1918. Dallas, Texas.

APPENDIX E—(Concluded)

Name	Address	Rank and arm of service	Date and cause of death
Young, James L.	Brooklyn, N. Y.	Capt. Inf.	Died of disease, October 2, 1918. (A. E. F.)
Young, R. Stanley	Poughkeepsie, N. Y.	2d Lt. Inf.	Killed in action, October 9, 1918. (A. E. F.)
Young, Thomas H.	Brooklyn, N. Y.	1st Lt. Inf.	Killed in action, July 16, 1918. (A. E. F.)
Young, Townsend	Ossining, N. Y.	2d Lt. Inf.	Killed in action, July 16, 1918. (A. E. F.)

UNITED STATES MARINE CORPS			
Name	Rank and arm of service	Date and cause of death	
Blanchfield, John	Captain 55th Co., 5th Regt.	Died of wounds, June 8, 1918.	
Bradley, William A.	2d Lt., 18th Co., 5th Regt.	Died of wounds, October 4, 1918.	
Brady, Vincent A.	2d Lt., 55th Co., 5th Regt.	Died of wounds, November 14, 1918.	
Burnes, John F.	Captain, 7th Co., 6th Regt.	Died of wounds, June 14, 1918.	
Dalton, Jeremiah J.	2d Lt., 75th Co., 6th Regt.	Killed in action, October 21, 1918.	
Gassert, Howell A.	2d Lt., 5th Regt.	Died, April 10, 1918.	
Gordon, Donald S.	2d Lt., 6th Regt.	Died of wounds, July 24, 1918.	
Keeley, James	Captain, 51st Co., 5th Regt.	Killed in action, October 3, 1918.	
Maher, Joseph F.	2d Lt., 55th Co., 5th Regt.	Killed in action, October 4, 1918.	
Swan, Oscar A.	1st Lt., 23d Co., 6th M. G. B.	Killed in action, Nov. 10, 1918.	
Wahlstrom, Frederick	2d Lt., 5th Regt.	Died of accident, August 21, 1918.	

OFFICIAL REGISTER
OF THE
Organized Land Force
OF THE
STATE OF NEW YORK
January 1, 1918 to December 31, 1919

[79]

ABBREVIATIONS

a.g. Adjutant General
 adj. Adjutant
 a.d.c. Aide-de-Camp
 amb. Ambulance
 artif. Artificer
 arty. Artillery
 ass't. Assistant
 bat. Battalion
 batty. Battery
 bvt. Brevet
 brig. Brigade
 brig.gen. Brigadier General
 capt. Captain
 cav. Cavalry
 c.a.c. Coast Artillery Corps
 c.d.c. Coast Defense Command.
 cert. Certificate
 col. Colonel
 c. g. Commanding General
 c.o. Commanding Officer
 com'dr. Commander
 com'dg. Commanding
 com. Command
 comy. Commissary
 c.of e. Corps of Engineers
 corp. Corporal
 dept. Department
 dep. Deputy
 det. Detailed
 dis. Discharge
 eng. Engineers
 ex. Executive
 f.&h.dis. Full and Honorable Discharge
 f.a. Field Artillery
 f.h. Field Hospital
 f.m. Field Music
 1 lt. First Lieutenant
 gov. Governor
 hdqrs. Headquarters
 hdqrs.co. Headquarters Company
 hon.dis. Honorable discharge
 h.c. Hospital Corps
 hosp. Hospital

hosp.stwd. Hospital Steward
 inf. Infantry
 insp. Inspector
 i.s.a.p. Inspector Small Arms Practice
 j.a.g. Judge Advocate General
 j.g. Junior Grade
 lt.col. Lieutenant Colonel
 m.g.co. Machine Gun Company
 maj. Major
 maj.gen. Major General
 m.c. Medical Corps
 mus. Musician
 M.V. Medal of valor
 N.G. National Guard
 n.m. Naval Militia
 N.Y.G. New York Guard
 off. Officer
 ord. Ordnance
 o.d. Ordnance Department
 o.o. Ordnance Officer
 o.r. Original Rank
 Pvt. Private
 qm. Quartermaster
 q.m.c. Quartermaster Corps
 regt. Regiment
 r. l. Reserve List
 2-lt. Second Lieutenant
 sep.co. Separate Company
 sgt. Sergeant
 s.c. Signal Corps
 sq. Squadron
 s.c.&d. Staff, Corps and Departments
 stwd. Steward
 sub. Subsistence
 supn. Supernumerary
 sup.co. Supply Company
 surg. Surgeon
 tra. Transferred
 tr. Troop
 U.S.M.A. United States Military Academy
 U.S.N.A. United States Naval Academy
 W.D. War Department

OFFICIAL REGISTER

THE ORGANIZED LAND FORCE OF THE STATE OF NEW YORK

NEW YORK GUARD

HEADQUARTERS, ROOM 829, MUNICIPAL BUILDING, NEW YORK CITY

The New York Guard, organized August 3, 1917, constitutes a Division, and consists of four brigades of infantry (14 regiments); 1 regiment of cavalry; 1 separate squadron, cavalry; 2 regiments of field artillery; 1 regiment of engineers (2 battalions); 1 machine gun battalion; 1 engineer train; 1 battalion of signal corps (3 companies); 4 field hospitals; 4 ambulance companies; and the coast artillery corps (3 regiments).

Stations and records of organizations

FIRST BRIGADE

Headquarters, 104 East 34th Street, New York City

The Brigade consists of the 7th, 12th, 16th, 69th and 71st Regiments of Infantry.

SECOND BRIGADE

Headquarters, 1322 Bedford Avenue, Brooklyn

The Brigade consists of the 14th, 23d and 47th Regiments of Infantry.

THIRD BRIGADE

Headquarters, 176 State Street, Albany

The Brigade consists of the 1st, 2d and 10th Regiments of Infantry.

FOURTH BRIGADE

Headquarters, 451 Main Street, Buffalo

The Brigade consists of the 3d, 4th and 74th Regiments of Infantry.

COMMANDER-IN-CHIEF

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
GOVERNOR			
Charles S. Whitman, 1 jan. 15 to 31 dec. 18
Alfred E. Smith, 1 jan. 19
STAFF OF THE GOVERNOR			
THE ADJUTANT GENERAL			
Brigadier General			
Charles W. Berry, 14 jan. 19	See Office of The Adjutant General,	N. Y. 11 apr. 71
Acting The Adjutant General Lieutenant Colonel			
Edward J. Westcott, 28 jun. 18 20 sept. 18 to 14 jan. 19	See Office of The Adjutant General,	N. Y. 14 oct. 73

STAFF OF THE GOVERNOR

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
STAFF OF THE GOVERNOR—Continued			
MILITARY SECRETARY			
Lieutenant Colonel			
Hoppin, Francis Lauren Vinton, 19 apr. 17 relieved, 31 dec. 18.	1 lt. 12 N. Y. in f., 2 lt. 12 inf. 23 apr. 98 13 may 98 to 14 a. d. c. cap. 1 brig. 14 june 99 supn. 1 july 01 assigned duty 12 inf. 1 june 02 to 7 june 02 assigned duty 12 inf. 10 sep. 02 relieved 1 aug. 06 assigned duty 12 inf. 11 mar. 08 relieved and reassigned, 30 dec. 08 relieved 19 feb. 09 assigned duty hdqrs. 1 brig. 11 mar. 12 a. g. maj. 18 mar. 12 resigned 19 apr. 17 maj. r. l. 19 apr. 17 detailed to gov. as mil. sec., 20 apr. 17 maj. n. g. r. 24 oct. 18 col. inf. 3 dec. 18	98R. I. 99 7 oct. 68	
Major Glynn, Alfred J., 10 feb. 19			N. Y. 19 nov. 98
Aides-de-camp—Detailed			
Lieutenant Commander Louis M. Josephthal, paymaster, n. m. detailed, 1 jan. 15.	See a. g. d.		
Colonel Rodman Wanamaker, detailed 11 sep. 18.	Infantry, N. G. N. Y.		Penn. 13 feb. 63
Lieutenant Colonel Howard E. Crall, 26 jul. 15 to 31 dec. 18	See 7 inf.		D. C. 18 sep. 67
Major Frank J. Foley, detailed 1 jan. 19.	See n. g. r.		N. Y. 23 june 84
Major Edward G. Murray, detailed 1 jan. 19.	See 13 c. d. c.		
Major William F. Morgan, detailed 1 jan. 19.	See 12 inf.		
Major William Ottman, detailed 1 jan. 19.	See 12 inf.		
Major Michael F. Loughman, detailed 1 jan. 19.	See c. of e.		
Captain Joseph J. Kingsbury, 20 jul. 15 to 31 dec. 08	See r. l.		N. Y. 11 sep. 72
Captain Alvan W. Perry, 1 jan. 15 to 9 feb. 18			Mass. 17 sep. 73
Captain George D. Morris, detailed 1 jan. 19.	See 71 inf.		
Captain William L. Sayers, detailed 1 jan. 19.	See 23 inf.		
Captain Tracy H. Lewis, detailed 1 jan. 19.	See ord. dept.		
Captain John H. O'Connor, detailed 1 jan. 19.	See m. d.		
Captain William R. Fearn, detailed 1 jan. 19.	See r. l.		N. Y. 6 jan. 71
Captain D. Walker Wear, detailed 1 jan. 19.	See div.		
Captain Herbert I. Sackett, detailed 1 jan. 19.	See r. l.		N. Y.

STAFF OF THE GOVERNOR—*Continued*

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
STAFF OF THE GOVERNOR—<i>Continued</i>			
<i>Aides-de-camp—Detailed—Continued</i>			
First Lieutenant Ernest E. Malcolm detailed 1 jan. 19.	See 12 inf.	
First Lieutenant Joseph F. S. Meachem, detailed 1 jan. 19.	See q. m. c.	
First Lieutenant Charles F. La Tour detailed 27 jan. 19.	See 69 inf.	
Second Lieutenant Walter F. Hagan.	See r. l.	N. Y. 5 june 92

OFFICE OF THE ADJUTANT GENERAL OF THE STATE

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
THE ADJUTANT GENERAL			
Brigadier General			
Berry, Charles White, 14 jan. 19 Graduate, Garrison Schools, 1915.	mustered into u. s. ser. 20 July 17. 106 inf., lt. col. col. hon. dis. 5 dec. 18	pvt., corp., agt., co. H, 7 inf. 6 feb. 03 hon. dis. 15 nov. 09 1 lt. 14 inf. 9 mar. 11 cap. 1 jan. 13 a. d. c. to gov. 1 jan. 13 to 31 dec. 14 resigned. 14 nov. 16 maj. 11 apr. 17 brig. gen. 14 jan. 19 brig. gen. N. Y. N.G. 5 dec. 19	N. Y. 11 apr. 71
ACTING ADJUTANT GENERAL			
Lieutenant Colonel			
Westcott, Edward John, 28 June 18	pvt. 203 N. Y. inf. 14 July 98 to 13 Jan. 99	pvt., corp. co. A, 10 bat., post qm. agt., 3 brig. 28 feb. 01 to 23 May 12 2 lt. 10 inf. 23 May 12 asst. to adj. gen. 16 Aug. 15 maj. adj. gen. dept. 31 July 16 with rank from. 19 June 16 lt. col. adj. gen. dept. 28 June 18 accepted. 28 June 18 acting The Adj. Gen. 20 Sep. 18	N. Y. 14 Oct. 73
ASSISTANT ADJUTANT GENERAL			
Colonel			
Myers, James Weston,	.....	See q. m. c.	N. Y. 7 July 64
Colonel			
Schermerhorn, Arthur F., 28 June 18	disbursing off. and agent u. s. in s. N. Y., 1 Oct. 17	pvt. co. K, 12 inf. 12 feb. 79 corp. 26 Jan. 81 adjt. 12 inf. 11 feb. 84 sup. 5 June 90 cap., adjt. 112 inf. 6 June 09 lt. col., 112 inf. 1 Nov. 98 detailed on staff of Maj. Gen. Roe, comdg., N. G. 24 Jan. 99 relieved and rendered sup. 11 Apr. 99 detailed to dept. in- telligence. 28 June 17 detailed as asst. adjt. gen. 14 Sep. 17 detailed as chief of staff c. g. d. 18 Sep. 17 colonel, inf. 28 June 18 accepted. 28 June 18	N. Y. 1 Apr. 60
ASSISTANT TO THE ADJUTANT GENERAL			
Commodore			
Josephthal, Louis Maurice, 9 Oct. 17	paymaster, yeo- man, u. s. navy. 30 Apr. 98 asst. paymaster. u. s. navy, 13 May 98 to 5 Oct. 98	seaman. 23 June 91 paymasters' yeoman. 1 Dec. 96 asst. paymaster. 14 Dec. 98 asst. paymaster, lt. j. g. 11 Apr. 01 paymaster, lt. 13 Jan. 10 paymaster, lt. comdr. 19 June 12 a. d. c. to the gov. 1 Oct. 12 retired with rank of comdr., pay insp. 3 July 16 assigned to duty as asst. to adjt. gen. 3 July 16 placed on active duty. 16 Feb. 17 pay director, rank of of cap. 3 Apr. 17 asst. adj. gen., pay- master gen., commo- dore, asst. to adj. gen., chief n. m. bur. 9 Oct. 17 accepted. 9 Oct. 17	N. Y. 17 Oct. 69

OFFICE OF THE ADJUTANT GENERAL OF THE STATE—Continued

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonels</i>			
Ahern, Charles J., 1st Brigade. 23 July 17		Sec qm. c.	N. Y. 4 sep. 81
Smith, Clarence Wilbur, 20 Dec. 17	1 lt. 22 N. Y. inf., 2 May 98 to 23 Nov. 98	pvt. co. G, 13 inf. 19 Nov. 85 corp. 6 Oct. 90 hon. dis. 22 Sep. 92 pvt. co. A, 13 inf. 5 June 93 corp. 6 Feb. 94 1 lt. (B) 21 May 94 cap. (E) 14 Mar. 98 maj. 11 Oct. 01 cap. (E) 6 June 02 bvt. maj. 10 Feb. 03 resigned. 14 Mar. 05 asst. insp. 2 brig., cap. with o. r. 15 Apr. 05 i. s. a. p. and ord. off. maj. 12 Dec. 07 supn., reassigned. 21 Jan. 08 maj. ord. dept. 6 Feb. 08 with rank from. 12 Dec. 07 cap. c. a. c. 25 Aug. 08 with rank from. 17 Aug. 08 maj. sub. dept. 21 June 09 with rank from. 10 June 09 insp. gen. maj. 25 Apr. 11 with rank from. 10 June 09 bvt. lt. col. 4 Jan. 12 retired. 4 Jan. 12 insp. gen. maj. 16 Dec. 12 with rank from. 10 June 09 r. l. 1 Sep. 14 maj. 13 c. d. c. 16 June 17 col. 20 Dec. 17 accepted. 22 Dec. 17 f. and h. dis. 13 Sep. 19 col. r. l. 13 Sep. 19 lt. col. a. g. d. (a. c. and d.) 28 Nov. 19 accepted. 29 Nov. 19	N. Y. 20 May 67
<i>Majors</i>			
McCarthy, Edmond Dennis, 4th Brigade. 10 Oct. 17	mustered into u. s. ser. ... 6 July 16 resigned, 10 Aug. 16	pvt., corp., sgt., co. F, 74 inf. 17 Sep. 94 hon. dis. 10 Nov. 00 1 lt. 74 inf. (D) 13 May 02 cap. (E) 1 July 04 a. d. c. 4 brig. cap. with o. r. 26 May 05 asst. insp. 4 brig. cap. with o. r. 7 May 07 supn., reassigned. 21 Jan. 08 qm. maj. 20 Apr. 08 a. g. maj. 16 Mar. 11 resigned. 10 Aug. 16 maj. a. g. 10 Oct. 17 accepted. 15 Oct. 17 retired. 18 Apr. 19	N. Y. 21 Sep. 72
Newman, Charles Howard, 2d Brigade. 12 Jan. 18		pvt. co. A, 23 regt. 8 Jan. 94 lance corp. 12 Oct. 96 corp. 15 Nov. 97 sgt. 21 Nov. 98 1 lt., bst. q. m., 23 regt., 22 May 02 bat. adj. 24 Feb. 05 cap. 18 Nov. 12 maj. 12 Jan. 18 accepted. 16 Jan. 18	Bklyn. 4 Nov. 76

OFFICE OF THE ADJUTANT GENERAL OF THE STATE—(Continued)

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Majors—Continued</i>			
Nial, Daniel Francis, 13 mar. 18 3d Brigade.	agt. co. D, 2 regt. N. Y. vols., 2 may 98 to 25 oct. 98	pvt. 21 sep. co. 22 mar. 90 dropped. 19 nov. 91 taken up. 12 feb. 92 corp. 3 Apr. 94 hon. dis. 4 may 96 re-enlisted. 30 apr. 96 agt. 22 apr. 98 2 lt. 31 mar. 99 1 lt. 12 nov. 03 bat. adj. 2 regt. 31 mar. 05 cap. 6 dec. 12 f. and h. dis. 29 oct. 14 maj. a. g. d. 13 mar. 18 accepted. 13 mar. 18	Troy, 21 sep. 68
Daly, George Augustine, 1st Brigade. 8 jan. 19	mustered into u. s. ser. . . . 28 june 16	2 lt. 12 inf. 2 jan. 09 1 lt. 3 jan. 13 cap. 24 june 16 discharged for physical disability. 26 july 17 r. l. 5 sep. 17 detailed to active duty with 12 inf. 5 sep. 17 cap. 12 inf. 15 sep. 17 cap. i. g. d. 25 oct. 18 maj. a. g. d. 8 jan. 19 accepted. 10 jan. 19	N. Y. 23 aug. 78
Pileher, Edward Sargent, 4th Brigade. 22 aug. 19	mustered into u. s. ser. . . . 4 july 16 resigned, 9 jan. 17	pvt. co. G, 23 inf., trs. tr. C, att. 2 brig. 26 dec. 96 to 10 may 04 pvt., agt., tr. 7, 1 cav. 7 may 12 hon. dis. 8 aug. 13 2 lt. 74 inf. 15 aug. 13 1 lt. 30 nov. 14 cap. 10 aug. 16 resigned. 9 jan. 17 1 lt. 74 inf. 19 oct. 17 cap. 6 dec. 17 maj. a. g. d. 22 aug. 19 resigned. 20 oct. 19	Mich. 3 oct. 76
Ziegler, Edwin George, 4th Brigade. 22 oct. 19	mustered into u. s. ser. . . . 2 july 16 out 24 feb. 17 into 31 mar. 17 hon. dis. 31 mar. 19	pvt., corp., co. H, 74 inf., trs. co. I. 2 dec. 01 to 1 mar. 06 2 lt. (I) 74 inf. 1 mar. 06 1 lt. 19 june 12 r. l. 19 may 19 maj. a. g. d. 22 oct. 19 accepted. 23 oct. 19	N. Y. 17 oct. 83
<i>Captain</i>			
Dunderdale, Forbes, 16 jan. 18		pvt. co. E, 23 inf. 7 aug. 77 dis. 11 july 83 re-enlisted. 1 dec. 85 2 lt. 23 inf. 15 july 87 hon. dis. 11 july 88 r. l. 16 jan. 18 cap. a. g. d. 16 jan. 18 accepted. 16 jan. 18	N. Y. 16 aug. 59
<i>Second Lieutenants</i>			
Snyder, Fred'k Merhle, 21 nov. 18		pvt. co. M, 10 inf. N. G., N. Y. 1 may 14 dropped. 13 oct. 15 taken up. 23 june 16 hon. dis. 2 aug. 16 pvt., ord. dept. 8 nov. 17 ord. sgt. 8 nov. 17 2 lt. 21 nov. 18 accepted. 4 dec. 18	Houstonia, Mass. 23 aug. 93

**NEW YORK GUARD
COMMANDING GENERAL AND STAFF**

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<p align="center"><i>Major General</i> O'Ryan, John Francis, 1 may 12 graduate U. S. Army War College, 1914. Awarded D. S. M.</p>	<p>mustered into u. s. ser. . . . 30 june 16 out 22 dec. 16 into 16 july 17 hon. dis. . . 1 apr. 19</p>	<p>pvt. co. G, 7 inf. . . . 12 mar. 97 to 22 nov. 00 trs. 2 batty. . . . 22 nov. 00 2 lt. . . . 6 dec. 00 1 lt. . . . 9 apr. 04 cap. 1 batty. . . . 10 may 07 a. d. c. to gov. . . . 1 jan. 11 to 16 apr. 12 maj. 2 bat. f. a. . . . 19 sep. 11 maj. gn. div. N. G. . . . 16 apr. 12 accepted. . . . 1 may 12 r. l. . . . 1 sep. 17 dft. . . . 5 aug. 17 detailed to command N. Y. G. . . . 31 mar. 19</p>	<p>N. Y. 21 aug. 74</p>
<p align="center"><i>Colonel, Chief of Staff</i> Ward, Franklin Wilmer, 28 june 16 W. D. Cert. in course No. 1 (Basic). Awarded D. S. M.</p>	<p>mustered into u. s. ser. . . . 28 june 16 out 22 dec. 16 into 16 july 17 lt. col. 107 inf., 7 aug. 18 col. 106 inf., 8 oct. 18 hon. dis. . . 2 apr. 19</p>	<p>pvt. corp., co. I, 1 inf. N. G. Pa. . . . 17 may 88 hon. dis. . . . 1 may 91 pvt. corp., sgt., 1 sgt. co. I, 1 inf., N. G. Pa. . . . 18 june 91 hon. dis. . . . 5 june 94 pvt., 1 sgt. . . . 18 june 94 hon. dis. . . . 5 july 97 2 lt. 109 N. Y. inf. . . . 31 aug. 98 supn. . . . 22 dec. 98 assigned to duty with 9 regt. . . . 12 jan. 99 1 lt. 9 regt. . . . 24 nov. 99 cap. . . . 3 may 02 maj. 9 regt. . . . 28 may 07 maj. c. a. c. . . . 23 jan. 08 a. g. lt. col. . . . 1 june 12 maj., staff maj. gen. com'dg div. . . . 28 june 16 lt. col. . . . 31 mar. 17 dft. . . . 5 aug. 17 col., chief of staff. . . . 1 apr. 19</p>	<p>Pa. 1 dec. 70</p>
<p align="center"><i>Lieutenant Colonel, Assistant Chief of Staff</i> Olmstead, Edward, 9 sep. 18 Graduate, Garrison Schools, cavalry, 1914; special course for field officers, army service schools, 1916; second course, Army General Staff College, France, 1918. Awarded D. S. M.</p>	<p>mustered into u. s. ser. . . . 30 june 16 out 22 dec. 16 into 16 july 17 lt. col. inf., 9 sep. 18 hon. dis. . . 10 may 19</p>	<p>pvt. corp., sgt., tr. 1 sq. A. . . . 17 may 95 to 14 may 07 1 lt. sq. A. . . . 14 may 07 cap. sq. A. . . . 12 sep. 08 assigned aide staff maj. gen. com'dg div. N. G. . . . 25 sep. 12 lt. col. a. g. . . . 23 apr. 15 major, asst. chief of staff. . . . 28 june 16 accepted. . . . 28 june 16 dft. . . . 5 aug. 17 r. l. . . . 12 may 19 lt. col. a. g. d. . . . 10 may 19 accepted. . . . 11 may 19</p>	<p>Cal. 5 jan. 72</p>
<p align="center"><i>Lieutenant Colonel, Assistant Chief of Staff</i> Starr, William T., 8 nov. 18</p>	<p>regtl. sgt. maj. 161 Indiana U. S. Vol. inf. . . . 8 july 98 mustered out, 30 apr. 99 mustered into u. s. ser. . . . 16 july 17 cap. inf., 24 july 17 trs. 102 tr. and m. p. 1 oct. 17 tr. div. . . . 25 jan. 18 asst. c. of s. div., 4 feb. 19 hon. dis. . . 31 mar. 19</p>	<p>pvt. co. F, 71 inf. . . . 24 jan. 16 2 lt. 1 A. M. batty. . . . 22 mar. 16 r. l. . . . 13 dec. 16 resigned. . . . 25 may 17 1 lt. hdqrs. tr. div. . . . 31 may 17 assigned to 1 tr. div. train. . . . 11 june 17 1 lt. trains and m. p. . . . 31 may 17 cap. . . . 24 july 17 accepted. . . . 24 july 17 dft. . . . 5 aug. 17 lt. col., inf. . . . 1 apr. 19</p>	<p>Ind. 2 dec. 79</p>

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonel, Adjutant</i> McLeer, Edward, Jr., 29 July 18 Graduate, Garrison Schools, 1915.	qm. sgt., sgt., tr. C, N. Y. cav., 2 May 98 to 25 Nov. 98 mustered into u. s. ser. 30 June 16 out 20 Mar. 17 into 3 Apr. 17 104 m. g. btn., 1 Oct. 17 lt. col. div. m. g. officer, 29 July 18 hon. dis. . . 31 Mar. 19	pvt., qm. sgt., tr. C. 16 Dec. 95 to 22 Apr. 99 2 Lt. 22 Apr. 99 1 Lt. 2 Nov. 99 assigned duty sq. C. 23 Dec. 04 1 Lt. sq. qm. sq. C. with o. r. 11 Feb. 05 supn., reassigned . . . 21 Jan. 08 cap. sq. C. 18 Mar. 08 tra. 1 cav. 28 Dec. 11 tra. 2 cav. 11 Mar. 12 assigned 1 cav. 10 Dec. 13 maj. 3 June 15 accepted 4 June 15 dft. 5 Aug. 17 lt. col. a. g. d. 1 Apr. 19 accepted 1 Apr. 19	N. Y. 31 May 72
<i>Major, Adjutant</i> Reagan, Allan Lawrence, 6 Apr. 16	mustered into u. s. ser. 30 June 16 out 22 Dec. 16 into 16 July 17 asst. adj. 27 Div. major 53 pioneer inf. 8 Dec. 17 hon. dis. . 19 July 19	pvt., corp., sgt., co. A, 10 bat. 8 Nov. 00 to 1 May 05 1 Lt. bat. adj. 10 inf. 1 May 05 cap. 11 Oct. 06 asst. a. g., S. N. Y., 1 Oct. 10 asst. a. g., S. N. Y., 21 Mar. 12 col. 15 Feb. 13 supn. 6 Apr. 15 maj. insp. gen. 23 June 16 major, staff major gen. com'dg div. 23 June 16 accepted 5 Aug. 17 dft. 1 Aug. 19 maj. a. g. d. 1 Aug. 19 accepted 1 Aug. 19	Pa. 11 Dec. 64
<i>First Lieutenant, Assistant Adjutant</i> Walsh, James A., 6 June 19	2 Lt., a. g. d., 19 Oct. 18 hon. dis. . 26 May 19	pvt. hqr. div. 1 May 17 hon. dis. 8 Aug. 17 r. l. 6 June 19 1 Lt. a. g. d. 6 June 19 accepted 6 June 19	N. Y. 23 Aug. 95
<i>Lieutenant Colonel, Inspector</i> Burleigh, George W., 18 Oct. 17	cap., v. c. a.	lt. col. 9 c. a. o. 18 Oct. 17 col. 9 c. a. o. 19 Sep. 18 r. l. 2 Oct. 19 lt. col. i. g. d. 7 Oct. 19 accepted 8 Oct. 19	.....
<i>Lieutenant Colonel, Judge Advocate</i> Kincaid, James Leslie, 2 Apr. 18	mustered into u. s. ser. 30 June 16 out 22 Dec. 16 into 16 July 17 lt. col., i. a., 27 Div., 9 Sep. 18 hon. dis. . 1 Apr. 19	pvt. tr. D. 26 Apr. 04 to 19 Sep. 04 pvt., corp., sgt., 1 sgt., tr. D. 8 Oct. 04 hon. dis. 6 May 09 pvt., 1 sgt. 6 May 09 hon. dis. 5 May 10 pvt. tr. D. 6 May 10 to 5 July 11 2 Lt. tr. D. 5 July 11 tra. 1 cav. 28 Dec. 11 det. aide staff division commander. 8 May 12 to 30 Nov. 14 1 Lt. 1 cav. 2 Aug. 12 tra. 2 cav. 6 Nov. 13 assigned 1 cav. 10 Dec. 13 maj. 30 June 15 lt. col. i. g. d. 12 May 16 maj. i. a. g. d. 23 June 16 accepted 28 June 16 adj. 5 Aug. 17 r. l. 10 Apr. 19 lt. col. i. a. g. d. 23 May 19 accepted 1 June 19	N. Y. 28 Nov. 85

NEW YORK GUARD—(Continued)
COMMANDING GENERAL AND STAFF—(Continued)

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Major, Assistant Judge Advocate</i>			
McDermott, Arthur V., 26 June 19	mustered into u. s. ser. 30 June 16 out 20 mar. 17 into 21 July 17 hon. dis. . 20 mar. 17	pvt. tr. E, 1 cav. 3 mar. 18 full and hon. dis. 6 mar. 16 re-enlisted. 6 mar. 16 hon. dis. 7 apr. 17 cap. 14 inf. 7 apr. 17 dft. 5 aug. 17 maj. j. a. g. d. 26 June 19 accepted. 3 July 19	
<i>COAST DEFENSE OFFICER</i>			
<i>Colonel</i>			
Taylor, Washington Irving, 4 May 17 W. D. Cert. in course Nos. 1 (Basic), 2 (Emplacement Officer), 3 (Range and Communication Officer), 4 (Battery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander). Special course c. a. c. school, Jan.-Feb. 18	mustered into u. s. ser. 16 July 17 asst. c. d. c. Sandy Hook. . 1 sep. 17 c. o. 45 regt. c. a., 1 July 18 hon. dis. . 2 Jan. 19	2 lt. (D), 13 inf. 17 dec. 89 1 lt. (I) 11 June 90 trs. co. E. 13 dec. 93 cap. 23 mar. 94 insp. rifle practice with o. r. 27 July 97 supn. 7 May 98 resigned. 27 May 98 cap. i. s. a. p. 13 inf. . 1 June 00 maj. art. eng. and o. o. 22 May 07 supn., resigned. 21 Jan. 08 maj. c. a. c. 6 feb. 08 det. asst. to chief c. a. 6 nov. 08 lt. col. o. a. c. 4 June 09 col. c. a. c. 14 May 17 accepted. 14 May 17 dft. 5 Aug. 17 col. c. a. c. 1 Apr. 19 accepted. 1 Apr. 19	N. Y. 13 dec. 64
<i>Lieutenant Colonel, Machine Gun Officer</i>			
Gardner, Kenneth, 19 feb. 19	mustered into u. s. ser. 26 June 16 out 2 Dec. 16 maj. inf. . 30 Mar. 18 lt. col. 19 feb. 19 hon. dis. . 1 Apr. 19	pvt., corp., sgt., 22 sep. co. (co. E. 3 inf.) Ind. N. G. 28 mar. 00 to — Mar. 03 pvt., bat. sgt. maj. 13 May 03 2 lt. 12 May 05 1 lt. 7 July 06 pvt., co. H, 8 inf., N. G. N. Y. trs. co. B, 7 inf., corp., bat. sgt. maj. 3 sep. 07 to 30 July 14 2 lt. 30 July 14 cap. 13 Jan. 16 accepted. 13 Jan. 16 dft. 5 Aug. 17 lt. col. inf. 2 June 19 accepted. 17 June 19	Ind. 25 Dec. 82
<i>Lieutenant Colonel, Inspector</i>			
Wainwright, J. Mayhew, 6 July 16 Awarded D. S. M.	cap. 12 N. Y. V., 13 May 98 to 17 Sep. 98 mustered into u. s. ser. 15 July 17 hon. dis. . 31 Mar. 19	2 lt. 12 inf. 29 Mar. 89 1 lt., adj. 12 inf. 17 July 91 cap. 22 May 96 full and hon. dis. 19 Dec. 99 lt. col. 12 inf. 8 Dec. 03 placed on r. l. 3 July 16 detailed to duty state arsenal. 3 July 16 lt. col., insp. gen. dep. 6 July 16 accepted. 6 July 16 dft. 5 Aug. 17	N. Y. 10 Dec. 64

REPORT OF THE ADJUTANT-GENERAL

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonel, Quartermaster</i>			
Sternberger, Henry Sherman, 28 June 16	2 lt. 22 N. Y. inf., pr 9 May 98 1 lt. 25 Sep. 98 1 lt. and reg. qm., 14 Oct. 98 to 23 Nov. 98 mustered into u. s. l. ser. 30 June 16 out 26 Mar. 17 into 16 July 17 lt. col. 27 div., qm. hon. dis. . 1 Apr. 19	t. co. E, 22 inf. 7 June 89 hon. dis. 11 June 94 bat. qm. 1 lt. 22 inf. 22 July 95 cap. comy. of sub. 6 Feb. 99 cap. c. of e. 23 Jan. 08 col. 5 June 12 col. q. m. c. 28 June 16 accepted. 28 June 16 dft. 5 Aug. 17 lt. col. q. m. c. 1 Apr. 19 accepted. 1 Apr. 19	N. Y. 8 Apr. 65
<i>Major, Assistant to Quartermaster</i>			
Moniz, Raymond Thomas, 18 Feb. 19	mustered in co. D, 201 N. Y. vols., inf. 17 July 98 corporal. 17 July 98 qm. sgt. 18 Jan. 99 out 3 Apr. 99 mustered into u. s. ser. 30 June 16 out 26 Mar. 17 into 16 July 17 r. l. 6 Aug. 19 maj. q. m. c., 18 Feb. 19 27 div., hon. dis., 31 Mar.	pvt. co. E, 23 inf. 6 June 98 qm. sgt. 23 Sep. 07 post c. sgt. 14 Jan. 13 qm. sgt., f. and h. dis. 5 June 15 re-enlisted. 6 June 15 cap. q. m. c. 20 June 16 accepted. 20 June 16 assigned to div 2. 27 Apr. 17 assigned to 2 pr. regt. 13 Aug. 17 to 17 Sep. 17 dft. 5 Aug. 17 r. l. 6 Aug. 19 maj. q. m. c. 19 Aug. 19 accepted. 27 Aug. 19	N. Y. 25 Sep. 80
<i>Major, Assistant to Quartermaster</i>			
Farrell, Joseph William, 2 May 17	mustered into u. s. ser. 13 July 16 out 20 July 16 mustered into u. s. ser. 10 July 17 asst. qmr., 27 div., hon. dis. 1 Apr. 19	pvt. co. E, 71 inf. 7 May 01 dropped for removal. 10 Jan. 02 taken up from dropped co. G, 22 engs. 3 Jan. 06 regt. c. sgt. 23 Mar. 06 post c. sgt. 5 Feb. 08 post q. m. sgt. 1 Sep. 09 qm. sgt. q. m. c. 1 Nov. 14 f. and h. dis., re-enlisted, 7 May 15 sgt. 1 cl. 19 May 15 cap. q. m. c. 20 June 16 maj. 2 May 17 accepted. 3 May 17 dft. 5 Aug. 17 maj. q. m. c. 2 Apr. 19 accepted. 2 Apr. 19	N. Y. 17 Feb. 76
<i>Captain</i>			
McWilliams, John I., 3 Aug. 17	mustered into u. s. ser. 30 June 16 out 26 Mar. 17 into 16 July 17 cap. san. tr. 27 div., hon. dis. 24 Apr. 19	pvt. co. E, 23 inf. 27 Feb. 14 trs. to bdqrs. det. 2 f. a. 19 Jan. 15 sgt. 16 Sep. 15 trs. q. m. c. 22 June 16 2 lt. q. m. c. 31 Mar. 17 1 lt. inf., m. p. 6 July 17 cap. q. m. c. 3 Aug. 17 accepted. 3 Aug. 17 dft. 5 Aug. 17 cap. q. m. c. 23 May 19 accepted. 25 May 19	Brooklyn 2 Feb. 89

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Captain</i>			
Peppard, George W., 27 sep. 18	mustered into u. s. ser. 8 june 98 chief yeoman, 2 aug. 98 dis. 6 oct. 98 mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 15 july 17 cap. q. m. c., 27 div., 27 sep. 18 hon. dis. . 31 mar. 19	seaman 1 div., 2 bat., N. M., N. Y. 14 june 97 full and hon. dis. 10 may 05 seaman 2 bat. N. M. and appointed paymaster's yeoman... 7 jan. 08 dis. 9 july 12 pvt. tr. B, 1 cav. 1 dec. 15 regtl. sup. sgt. 12 july 16 2 lt. q. m. c. 31 mar. 17 accept-d. 31 mar. 17 dft. 5 aug. 17 cap. q. m. c. 1 apr. 19 accepted. 1 apr. 19	N. Y. 22 feb. 73
<i>First Lieutenant, Assistant to Quartermaster</i>			
Bubbs, Charles L., 16 may 19	mustered into u. s. ser. 17 july 17 2 lt. q. m. c., 4 dec. 18 hon. dis. . 31 mar. 19	pvt., corp. co. C, 3 inf., 9 oct. 05 f. and h. dis. 1 apr. 11 pvt. sgt. 5 apr. 11 f. and h. dis. 12 apr. 13 pvt. 12 apr. 13 post qm. sgt. and att. to 3 inf. 13 apr. 15 pvt. q. m. c. 13 apr. 15 war cont., sgt. 1 cl. 1 may 17 dft. 5 aug. 17 2 lt. q. m. c. 1 apr. 19 1 lt. q. m. c. 16 may 19 accepted. 19 may 19	N. Y. 19 mar. 87
<i>First Lieutenant</i>			
Floersheimer, Joseph H., 16 may 19	mustered into u. s. ser. 16 july 17 sgt. 1 cl. . 2 may 18 2 lt. q. m. c., 24 sep. 18 hon. dis. . 31 mar. 19	pvt. q. m. c. 15 may 17 sgt. 16 july 17 dft. 5 aug. 17 1 lt. q. m. c. 16 may 19 accepted. 24 may 19	N. Y. 22 apr. 98
<i>Lieutenant Colonel, Ordnance Officer</i>			
Daly, Joseph James, 11 nov. 18	mustered into u. s. ser. 7 july 16 out 14 jan. 17 into 12 june 17 o. o. 27 div., lt. col. 11 nov. 18 o. d. 11 nov. 18 hon. dis. . 3 mar. 19	pvt. co. I, 22 eng. trs. co. M, pvt. 1 class, corp., sgt. 21 aug. 05 to 8 apr. 11 2 lt. c. of e. 8 apr. 11 1 lt. 28 may 12 cap. 13 june 13 r. l. 23 dec. 14 cap. c. of e. 22 jan. 15 maj. ord. dept. 12 apr. 17 accepted. 13 apr. 17 dft. 5 aug. 17 lt. col. ord. dept. 1 apr. 19 accepted. 1 apr. 19	N. Y. 9 sep. 84

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Major, Assistant Ordnance Officer</i>			
Waterbury, Frederick Martin, 22 nov. 09 Graduate Army War College, Staff Officers course dec. 18. Qualified in examination, lt. col. ord. dept., July, 17.	mustered into u. s. ser. 30 june 16 out 22 dec. 16 into 27 dec. 17 served with 27 div.: hon. di s31 oct. 19 o. o., d. c. and a. t.: 96 div.; 14 div.: nitro general, ord. dept.: c. o. ord. dept. Ft. Wingate, N. M.: c. o. ord. dept., Charleston, S. C.	pvt., corp., sgt., 22 sep. co. 5 feb. 91 2 lt. 8 may 95 cap. 122 sep. co. 9 dec. 98 supn. assigned to duty, acting asst. i. s. a. p. 2 inf. 15 nov. 00 relieved. 17 apr. 01 assigned to duty, acting asst. i. s. a. p. 2 inf. 19 june 01 cap. i. s. a. p. 2 inf. 26 apr. 04 supn., reassigned. 21 jan. 08 cap. o. d. 24 feb. 08 maj. 27 nov. 09 assigned staff div. commander, o. o., maj. 1 jan. 13 lt. col. 31 mar. 17 accepted. 4 apr. 17 dft. 5 aug. 17 r. l. 7 nov. 19 maj., ord. dept. 1 dec. 19 accepted. 1 dec. 19	N. Y. 11 may 68
<i>Major</i>			
Lewis, Tracy H., 15 mar. 19	2 lt., assoc. instr. in gunnery, 1 mar. 18 to 2 oct. 18 range officer, balloon school. 2 oct. 18 to 20 dec. 18	cap. inf. 27 dec. 18 aide to gov. 1 jan. 19 major, o. d. 15 mar. 19 accepted. 17 mar. 19	Ohio 30 nov. 90
<i>Major</i>			
Mundy, Joseph Aloys Suttan, 16 sep. 19	mustered into u. s. ser. 2 july 16 out 17 jan. 17 into 2 apr. 17 adj. 106 N. Y., 1 oct. 17 asst. adj. 27 div., 10 dec. 18 hon. dis. 26 may 19	pvt., corp., sgt., 1 sgt., co. D, 23 inf. 22 apr. 01 to 25 may 11 2 lt. 23 inf. 25 may 11 1 lt. 17 july 12 cap. 20 nov. 13 accepted. 24 nov. 13 dft. 5 aug. 17 cap. a. g. d. 27 may 19 maj. ord. dept. 16 sep. 19 accepted. 16 sep. 19 detailed to div. 2 dec. 19	N. Y. 25 mar. 90
<i>Colonel, Chief Surgeon</i>			
Montgomery, Walter Clark, 21 mar. 17	mustered into u. s. ser. 2 july 16 out 24 feb. 17 into 16 july 17	asst. sur., cap. 30 dec. 08 cap. m. c. 17 may 09 maj. 7 oct. 11 lt. col. 21 mar. 17 accepted. 22 mar. 17 dft. 5 aug. 17 col. m. c. 1 apr. 19 accepted. 1 apr. 19	N. Y. 19 may 78
Awarded D. S. M.			

NEW YORK GUARD—Continued
COMMANDING GENERAL AND STAFF—Continued

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonel, Surgeon</i>			
Salisbury, Lucius Albert, 19 mar. 19	mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 30 apr. 17 lt. col. m. c. 27 div. 19 mar. 19 hon. dis. . 31 mar. 19	pvt., co. B, 1 inf. N. G. R. I. 29 oct. 02 hon. dis. 20 may 04 pvt. co. M, 23 inf., N. G. N. Y. 9 may 10 to 28 feb. 11 1 lt. m. c. 28 feb. 11 cap. 7 mar. 14 maj. 3 apr. 17 accepted. 5 apr. 17 dft. 5 aug. 17 lt. col. m. c. 1 may 19 lt. col. m. c. (So. D.) 24 nov. 19 accepted. 15 dec. 19	N. Y. 21 jan. 82
<i>Lieutenant Colonel</i>			
Carney, Matthew F., 5 june 19	mustered into u. s. ser. 25 july 17 trs. 107 am. co., 1 oct. 17 act. div. d. s., 28 apr. 18 cap. d. c. — oct. 18 major, d. c. 18 feb. 19 hon. dis. . 31 mar. 19	1 lt. d. c. 5 june 17 accepted. 9 june 17 dft. 5 aug. 17 lt. col. d. c. 5 june 19 accepted. 5 june 19	N. H. 30 sep. 87
<i>Major</i>			
Dunseith, John F., 17 july 17	mustered into u. s. ser. 28 june 16 out 25 oct. 16	pvt., field hosp. 25 nov. 17 corp. 15 may 08 asst. surg., 1 lt. 15 mar. 09 1 lt. m. c. 17 may 09 cap. m. c. 18 mar. 12 major, m. c. 1 oct. 13 aide to gov. 1 jan. 15 relieved. 26 july 15 full and hon. dis. 7 july 17 r. l. 17 july 17 major, m. c. 28 feb. 18 accepted. 1 mar. 18	N. Y. 27 oct. 76
<i>Major</i>			
Boswell, Charles Oliver, 25 june 17 Army Field Service School, Medical Officers, 1915, Fort Leavenworth, Kan., Direct Amb. Cos.	mustered into u. s. ser. 3 july 16 out 27 dec. 16 into 22 july 17 ormaj. san. tr. 27 div. 23 aug. 18 hon. dis. . 6 june 19	pvt. 1 sep. co. 23 dec. 99 to 9 mar. 00 1 lt. asst. surg. 9 mar. 00 supn., reassigned. 21 jan. 08 div. 1 lt. asst. surg. 9 mar. 08 cap. m. c. 17 may 09 maj. 25 june 17 accepted. 26 june 17 dft. 5 aug. 17 maj. m. c. 21 june 19 accepted. 28 june 19	N. Y. 16 aug. 71
<i>Major</i>			
Towner, Albert N., 23 aug. 18	mustered into u. s. ser. 25 july 17 cap. v. c. 28 dec. 17 major, v. c. 27 div. 23 aug. 18 23 aug. 18 trs. 2 army cps., 19 oct. 18 chief vet. A. E. F., 1 feb. 19 hon. dis. . 31 may 19	2 lt. vet. 8 june 17 accepted. 12 june 17 dft. 5 aug. 17 r. l. 14 june 19 major, v. c. 18 june 19 accepted. 25 june 19	N. Y. 4 dec. 86

REPORT OF THE ADJUTANT-GENERAL

NEW YORK GUARD—(Concluded)
COMMANDING GENERAL AND STAFF—(Concluded)

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Captain</i>			
Ballantyne, Reginald M., 10 apr. 18	mustered into u. s. ser. 8 jan. 17 out 17 mar. 17 into 22 mar. 17 1 lt. 105 amb. co., cap. m. c., 10 apr. 18 hon. dis. . . 4 mar. 19	pvt. tr. D, 1 cav. 3 may 16 1 lt. m. c. 16 dec. 16 accepted. 23 dec. 16 dft. 5 aug. 17 cap. m. c. 9 june 19 accepted. 30 june 19	Can. 7 apr. 85
<i>Captain, Field Artillery, Aide</i>			
Gibbons, George Billings, 10 apr. 17	mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 30 june 17 cap. 104 f. a. hon. dis. 1 apr. 19	pvt. sq. A, cav. 11 aug. 09 hon. dis. 25 oct. 14 pvt. batty. E, 1 f. a. corps. 22 oct. 14 to 1 feb. 15 2 lt. 1 feb. 15 1 lt. 15 feb. 16 cap. 10 apr. 17 accepted. 11 apr. 17 dft. 5 aug. 17 cap. f. a. 15 dec. 19 accepted. 15 dec. 19	Mich. 5 june 84
<i>Captain, Infantry, Aide</i>			
Wear, D. Walker, 21 dec. 18		capt. inf. N. Y. G. 21 dec. 18 accepted. 26 dec. 18 aide to governor. 1 jan. 19	.....
<i>Captain, Cavalry Aide</i>			
Crane, Theodore, 1 apr. 19	mustered into u. s. ser. 30 june 16 out 28 dec. 16 into 22 july 17 1 lt. 105 m. g. btn., assigned aide 27 div. hon. dis. . . 31 mar. 19	pvt., corp., sq. A. 20 oct. 06 corp., sgt., tr. E. 25 oct. 11 and tr. B. 26 oct. 11 to 22 june 15 1 lt. 11 apr. 17 accepted. 11 apr. 17 dft. 5 aug. 17 cap. cav. 1 apr. 19 accepted. 1 apr. 19	N. J. 2 july 81

NEW YORK GUARD — BRIGADIER GENERALS

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Brigadier Generals</i> Lester, James Westcott, 6 june 11 bvt. maj. gen. 7 jan. 13	maj. 2 N. Y. inf., 2 may 98 to 25 oct. 98 mustered into u. s. ser. 23 june 16 out 7 mar. 17 into 16 july 17 com'dg 54 brig., 1 oct. 17 hon. dis. . 6 apr. 19	pvt., sgt. 22 sep. co. . . . 25 nov. 84 to 15 jan. 92 cap. 15 jan. 92 maj. 14 bat. 29 mar. 98 maj. 2 inf. with o. r. . . 18 nov. 98 lt. col. 31 mar. 99 col. 11 dec. 03 brig. gen. 3 brig. 6 june 11 accepted. 7 june 11 dft. 5 aug. 17 det. to command 3 brig. 30 apr. 19 brig. gen. 3 brig. 8 oct. 19 accepted. 10 oct. 19	N. Y. 8 sep. 59	com'dg 3 brig.
Dyer, George Rathbone, 4 sep. 17 bvt. maj. gen. 8 apr. 15 In command 2 N. Y. G. 19 feb. 18 to 31 mar. 19	cap. 12 N. Y. inf., 2 may 98 maj. 13 may 98 to 20 apr. 99 mustered into u. s. ser. 23 june 16 out 27 sep. 16	pvt. co. K, 7 inf. 10 june 89 to 16 may 92 2 lt. 12 inf. (G) . . . 16 may 92 1 lt. 7 mar. 93 cap. 2 may 93 maj. 12 inf. 28 june 99 col. 7 sep. 99 brig. gen. 1 brig. 28 feb. 12 resigned. 9 apr. 17 r. l. 9 apr. 17 detailed to active duty, s. g. 9 apr. 17 brig. gen. 1 brig., N. Y. G. 4 sep. 17 accepted. 4 sep. 17	R. I. 24 june 69	com'dg 1 brig.
Babeock, Louis Locke, 29 sep. 17 com'dg 4 brig., 29 sep. 17 to 18 apr. 19	cap. 65 N. Y. inf., 1 may 98 to 19 nov. 98	pvt., corp., co G, 65 inf. 7 jan. 90 to 12 nov. 90 2 lt. (D) 12 nov. 90 1 lt. 1 mar. 93 cap. (K) 1 may 98 supn. 25 oct. 99 j. s. 4 brig. maj. 20 jan. 03 supn., reassigned. 21 jan. 08 j. s. maj. 16 mar. 08 retired. 13 aug. 15 brig. gen. 24 sep. 17 accepted. 29 sep. 17	N. Y. 14 dec. 68	com'dg 4 brig.
Kemp, Francis DeForest, 22 nov. 17 com'dg 3 brig., 23 nov. 17 to 30 apr. 19		pvt. 6 sep. co. 2 feb. 99 corp. 8 oct. 02 sgt. 25 mar. 05 1 lt. 21 sep. co. 19 may 05 cap. 22 june 06 assigned. 31 jan. 12 r. l. 22 june 16 col. 12 sep. 17 brig. gen. 22 nov. 17 accepted. 23 nov. 17	N. Y.	com'dg 3 brig.
Robb, James, 22 dec. 17		pvt. co. C, 23 inf. 30 apr. 00 corp. 1 june 03 sgt. 4 apr. 04 1 lt. (C) 23 inf. 12 dec. 07 cap. 5 feb. 10 with rank from. 28 jan. 10 resigned. 8 mar. 13 cap., det. bat. 23 inf. 11 july 16 maj. det. bat. 23 inf. 11 july 17 maj. 23 inf. 11 july 17 col. 30 oct. 17 brig. gen. 22 dec. 17 accepted. 25 dec. 17	Scot. 26 mar. 70	com'dg 2 brig.

NEW YORK GUARD—BRIGADIER GENERALS—*Concluded*

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Brigadier Generals—Concluded</i>				
ennings, Edgar Stilson, 13 sep. 19 Graduate Garrison Schools, 1915.	1 sgt. co. M, 3 N. Y. inf. 1 may 98 2 lt. 21 june 98 1 lt. 11 nov. 98 to 2 dec. 98 mustered into u. s. ser. 5 july 16 out 5 oct. 16 into 18 apr. 17 hon. dis. . 31 mar. 19 c. o. 108 inf.	pvt., corp., sgt., 1 sgt., 2 sep. co. 3 mar. 91 to 4 may 99 2 lt. 4 may 99 1 lt. 22 june 99 1 lt. 15 june 04 maj. 3 inf. 17 mar. 11 col. 29 dec. 15 accepted. 30 dec. 15 dft. 5 aug. 17 col. 3 inf. 1 apr. 19 brig. gen. 4 brig. 13 sep. 19 accepted. 16 sep. 19	N. Y. 25 aug. 71	com'dg 4 brig.

NEW YORK GUARD — AIDES TO GENERAL OFFICERS

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign [states]	In the National Guard		
AIDES TO GENERAL OFFICERS				
<i>Captains</i>				
Gibbons, George B., 10 apr. 17	(See Division Staff).			
Barbour, William Warren, 18 oct. 17	mustered into u. s. ser. 23 june 16 out 27 sep. 16	pvt. sq. A. 20 jan. 08 corp. 23 feb. 12 full and hon. dis. 15 mar. 13 1 lt. 12 inf. 26 june 16 hon. dis. 1 may 17 r. l. 2 may 17 cap. 18 oct. 17 accepted. 24 oct. 17	N. Y. 31 july 88	1 brig.
Lawrence, Townsend, 28 feb. 18	pvt. tr. A. N. Y. Vol. cav. 2 may 98 dis to 6 july 98 1 lt. u. s. 20 eng., 6 july 98-99 a. d. c. to brig. gen.	pvt. tr 2, sq. A. 15 jan. 96 oct. 9 1900 p. i. s. g. dept. N. Y. G. Y. G. 28 feb. 18 cap. inf. N. Y. G. 2 oct. 18 accepted. 15 oct. 18	N. Y. july 71	
<i>Captains</i>				
Wear, D. Walker, 21 dec. 18	... see division.			
Crane, Theodore, 1 apr. 19	... see division.			
Sanger, Louis P., 1 brig. 25 may 20	mustered into u. s. ser. 15 july 17 1 lt. 102 sup. train. hon. dis. . . 3 apr. 19	pvt. 1 armored motor bty. 1 apr. 16 tran. to supply train. . 3 apr. 17 1 lt. q. m. c. 11 july 17 accepted. 14 july 17 dft. 5 aug. 17 r. l. 13 june 19 cap. inf. 25 may 20 accepted. 28 may 20	N. Y. 24 june 85	
<i>First Lieutenants</i>				
Bloomer, Frank H., 4 brig. 10 july 18	mustered into u. s. ser. 2 july 16 out 24 feb. 17 into 31 mar. 17 1 lt. 68 inf. hon. dis. . . 31 mar. 19	pvt. co. B, 74 inf., corp., sgt. 22 feb. 04 to 17 nov. 08 bta. sgt. maj. 14 mar. 12 full and hon. dis. 31 dec. 16 2 lt. 74 inf. 1 jan. 17 accepted. 1 jan. 17 dft. 5 aug. 17 1 lt. inf. 27 oct. 19 accepted. 30 oct. 17	N. Y. 26 mar. 82	
Osborne, Charles D., 4 brig. 26 sep. 19	mustered into u. s. ser. 5 july 16 out 5 oct. 16 2 lt. 307 m. g. bat. 2 may 17 hon. dis. . . 9 mar. 19	pvt. co. M, 3 inf. 20 jan. 16 hon. dis. 16 apr. 17 r. l. 30 sep. 19 1 lt. inf. 26 sep. 19 accepted. 1 oct. 19	N. Y. 22 nov. 88	

NEW YORK GUARD—AIDES TO GENERAL OFFICERS—*Continued*

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		

CORPS OF ENGINEERS

<i>Majors</i>				
Diahl, George Conrad, 10 oct. 17 Retired.....18 apr. 19	.....	pvt., ord. sgt., co. F, 74 inf.....7 mar. 00 to 16 apr. 01 1 lt. asst. i. s. a. p.....16 apr. 01 cap. i. s. a. c.....8 dec. 03 asst. i. s. a. p. 4 brig., cap. with o. r.....12 june 05 comy. of sub. 4 brig., maj.....3 may 07 supn., reassigned.....21 jan. 08 comy. maj.....16 mar. 08 qm. corps.....1 nov. 14 resigned.....12 may 15 maj.....10 oct. 17 accepted.....18 Oct. 17	N. Y. 25 mar. 73	hdqrs. 4 brig.
Loughman, Michael H., 8 jan. 19	.....	pvt. co. F, 22 eng.....6 nov. 18 sgt.....— 2 lt.....28 aug. 18 cap. c. of e.....24 dec. 18 accepted.....24 dec. 18 aide to governor.....1 jan. 19 maj. c. of e.....8 jan. 19 accepted.....13 jan. 19	N. Y. 11 aug. 06	.....

STATE ADMINISTRATIVE STAFF

CORPS OF ENGINEERS				
<i>Majors</i>				
Schultz, Leonard, 17 may 17	.....	maj.....17 may 17 accepted.....21 may 17	.....	.....
Gottahall, William C., 26 june 17	.....	maj.....26 june 17 accepted.....29 june 17	Mo. 70	.....
Smith, Walter Fenny, 17 may 17	.....	maj.....17 may 17 accepted.....22 may 17	.....	.....
<i>Captains</i>				
Fuller, Weston E., 24 may 17	.....	cap.....24 may 17 accepted.....28 may 17	.....	.....
Guggenheim, Edmund A., 6 june 17	.....	cap.....6 june 17 accepted.....6 june 17	.....	.....
Bacon, John Fairbank, 17 may 17	.....	cap.....17 may 17 accepted.....23 may 17	.....	.....
JUDGE ADVOCATE GENERAL'S DEPARTMENT				
Peales, Amos Jenkins, 23 june 17	.....	cap.....23 june 17 accepted.....25 june 17	.....	.....

JUDGE ADVOCATE GENERAL'S DEPARTMENT

Name, grade, date of rank and highest brevet rank	Service		At- tached to
	In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonel</i>			
Kincaid, James L., 2 apr. 18		(See Division).	
Kingsbury, Howard T., 21 sep. 18	cap. v. c. a.	cap. 9 c. d. c. 29 oct. 17 maj. 11 dec. 17 lt. col. 2 sep. 18 accepted. 6 sep. 18	N. Y. 1 apr. 70
<i>Majors</i>			
Jung, Edward Leopold, 10 oct. 17	.....	pvt. 74 inf. 27 may 98 2 lt. 10 dec. 98 hon. dis. 30 oct. 00 maj. 10 oct. 17 accepted. 12 oct. 17	N. Y. 30 may 74
Beckwith, Frederick M., 9 feb. 18	.....	maj. j. a. g. d. 9 feb. 18 accepted. 13 feb. 18	N. Y. 27 sep. 88
Vandiver, Almuth C., 25 feb. 19	N. G. Alabama, maj.	cap. 14 inf. 12 jan. 18 maj. ord. dept. 28 mar. 18 accepted. 1 apr. 18 hon. dis. 11 oct. 18 r. l. 17 dec. 18 maj. j. a. g. d. 23 feb. 19 accepted. 3 mar. 19	Ala. 21 June 79
McDermott, Arthur V., 26 June 19		(See Division).	
Cadotte, Damase Joseph, 4 dec. 19	mustered into u. s. ser. 2 July 16 out 28 feb. 17 into 31 mar. 17 cap. 108 inf., 1 oct. 17 hon dis... 31 mar. 19	pvt., corp., agt., co. F, 74 inf. 28 mar. 98 to 26 sep. 05 2 lt. (F), 74 inf. 26 sep. 05 1 lt. 74 inf. 15 mar. 09 cap. c. d. 20 nov. 12 cap. 74 inf. 15 may 14 r. l. 1 may 14 1 lt. 74 inf. 1 July 16 cap. 6 oct. 16 accepted. 6 oct. 16 dft. 5 aug. 17 r. l. 5 may 19 maj. j. a. g. d. 4 dec. 19 accepted. 6 dec. 19	Can. 9 aug. 74

QUARTERMASTER CORPS

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
QUARTERMASTER CORPS				
Colonel				
Myers, James Weston, 14 may 17 bvt. maj. 3 dec. 08	mustered into u. s. ser. 26 june 16 out 2 dec. 16 u. s. property and d. o.	pvt. co. B, 7 inf. 22 june 83 to 21 june 88 pvt., corp., co. B, comy. sgt. 7 inf. 9 nov. 88 to 18 feb. 95 comy. of sub. 1 lt. 18 feb. 95 cap. 2 apr. 98 lt. col. 2 apr. 17 col. q.m.c., N. G. N. Y. 14 may 17 accepted. 16 may 17	N. Y. 7 july 64	N. Y. arsenal
Lieutenant Colonel				
Sternberger, Henry S., 28 june 16	.....	see division.		
Ahern, Charles Joseph, 23 july 17 resigned. 3 jan. 19	mustered into u. s. ser. 30 june 16 out 10 aug. 16	mus. f. m. 22 inf., corp. co. I. 30 apr. 00 hon. dis. 12 nov. 06 pvt. 3 batty. 23 sep. 07 to 3 june 08 2 lt. 12 inf. 3 june 08 1 lt. 26 mar. 09 assigned aide 1 brig. 6 mar. 12 maj. qm. corps. 1 oct. 15 resigned. 30 june 17 lt. col. 23 july 17 accepted. 23 july 17 act. adj. 1 brig. 22 sep. 17 N. G. R. 4 may 18 col., a. g. a. 1 jan. 19 resigned. 3 jan. 19	N. Y. 14 sep. 81	.....
Majors				
Farrell, Joseph W., 2 may 17	.....	see division.		
Sheldon, Henry, 19 july 17 Graduate, Garrison Schools, 1914.	mustered into u. s. ser. 30 june 16 out 28 dec. 16 mustered into u. s. ser. 16 july 17 trans. c. c., 313 cav. mar. 1918; to 70 f. a., aug. 1918. hon. dis. 30 jan. 19	pvt. tr. 2, sq. A, trs. tr. 1, trs. tr. 3, artif., corp., guidon sgt., sgt., pvt. tr. L, 1 cav. 26 nov. 00 hon. dis. 2 feb. 12 1 lt. 1 cav. 19 feb. 12 cap. 11 june 12 assigned machine gun tr. 5 nov. 13 maj. q.m.c. 19 july 17 accepted. 19 july 17 dft. 5 aug. 17 maj. q.m.c. 12 may 19 accepted. 21 may 19	N. Y. 9 oct. 74	a.c.&d.
Wilson, Edward J., 11 dec. 17 served with prov. brig.	pvt., corp., sgt., act. hosp. steward, 71 N.Y.V., 2 may 98 to 17 nov. 98	pvt. co. C, 71 inf. 15 sep. 92 corp. 28 june 97 f. and h. dis. 10 mar. 99 pvt., corp. co. L, 10 inf. 19 sep. 10 to 18 may 15 qms., q.m.c. 18 may 15 to 22 may 17 2 lt. q.m.c. 22 may 17 cap. 2 inf. 26 sep. 17 maj. q.m.c. 11 dec. 17 accepted. 11 dec. 17	N. Y. 22 june 71	3 brig.

QUARTERMASTER CORPS — (Continued)

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Majors—Continued</i>				
Donovan, Lawrence Col- lins, 14 jan. 19		pvt. co. G, eng., tra. co. K, corp. 11 jan. 99 to 29 may 13 2 lt. c. of e. 29 may 13 r. l. and reassigned to duty 24 dec. 14 2 lt. 22 jan. 15 1 lt. 14 june 15 hon. dis. 26 feb. 17 1 lt. 22 eng. 23 nov. 17 accepted 3 dec. 17 cap. 28 feb. 18 cap. i. g. d. 19 apr. 18 accepted 24 apr. 18 f. and h. dis. 8 oct. 18 maj. q. m. c. 14 jan. 19 accepted 20 jan. 19 see division.	N. Y. 25 July 90	2 brig.
Monis, Raymond F., 18 feb. 19				
<i>Captains</i>				
Hutchinson, Franklin S., 4 apr. 17	maj. u. s. a. 3 dec. 17 dft. examiner and d. o.	pvt. co. A, 10 inf. 28 feb. 07 post qm. sgt. 10 oct. 08 retd. to ranks and tra. to co. H, 3 inf. 21 mar. 09 full and hon. dis. 8 July 11 cap., q. m. c. 4 apr. 17 accepted 4 apr. 17	N. Y. 24 mar. 09	st. ad. staff
Leonard, Edgar C., 7 apr. 17		pvt. co. A, 10 bat. 27 oct. 86 corp. 7 jan. 89 full and hon. dis. 5 dec. 91 cap. q. m. c. 7 apr. 17 accepted 10 apr. 17		st. ad. staff
Bogardus, Abram Allan, 18 apr. 17		cap. q. m. c. 18 apr. 17 accepted 19 apr. 17		st. ad. m. s. k. arsenal N. Y. C.
Miller, Edward, 6 July 17		pvt. co. D, 8 batn. 20 feb. 94 corp. 4 mar. 95 ret. to ranks at own request 26 feb. 97 hon. dis. 22 sep. 97 cap. q. m. c. 6 July 17 accepted 9 July 17		st. ad. staff
McWilliams, John I., 4 aug. 17		see division.		
Asch, David, 10 June 18 resigned. 22 May 19		cap. q. m. c. 10 June 18 accepted 11 June 18	N. Y. 23 Feb. 83	
Peppard, George W., 27 Sep. 18		see division.		
Miller, Elmer H., 21 Oct. 18 resigned. 22 Apr. 19	mustered into u. s. ser. 31 July 17 dis. 2 Aug. 17	pvt. co. M. 13 Mar. 16 corp. 29 May 16 sgt. 22 June 16 1 sgt. 8 July 16 2 lt. 13 Sep. 16 cap. 2 Oct. 18 accepted 8 Oct. 18	Okl. 1 Feb. 92	
Mull, Burton H., 14 Nov. 18		2 lt. q. m. c. 7 Apr. 17 cap. q. m. c. 14 Nov. 18 accepted 14 Nov. 18	N. Y. 12 Feb. 76	
Weaver, William W., 41 12 Dec. 18	co., 10 Jan. 07 to 9 Jan. 10; 12 June 12 to 30 Oct. 15.	sgt. q. m. c. 8 Jan. 18 cap. 12 Dec. 18 accepted 13 Dec. 18	Va. 15 Feb. 86	

QUARTERMASTER CORPS—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Captains—Continued</i>				
Rugge, George F. 23 dec. 18	mustered into u. s. ser. 1 July 16 out 23 oct. 16 into 31 mar. 17 hon. dis. 21 dec. 18	pvt. 18 co. 6 July 04 corp. 18 June 09 sgt. 7 Feb. 10 hon. dis. 26 May 11 pvt. co. A. 15 June 11 2 lt. 20 May 12 1 lt. 6 Oct. 16 cap. 23 Dec. 18 accepted. 23 Dec. 18 asst. c. of s. div. 27 Feb. 19 cap. N. G. R. 11 Mar. 19 to 10 inf., 90 days. 3 Dec. 19	N. Y. 9 Apr. 85	.....
Towner, John, 27 dec. 18	.....	2 lt. 1 f. a. 11 Oct. 17 1 lt. 1 inf. 6 Dec. 17 accepted. 8 Dec. 17 1 prov. regt. 9 Sep. 17 cap. q.m.c. 27 Dec. 18 accepted. 4 Jan. 19	.....	.....
Egan, James P., 27 May 19	Mex. border service. must. in. 28 June 16 sgt. 4 Sep. 16 sup. sgt. 5 Sep. 16 must. out. 1 Nov. 16	pvt. 1 f. a. 26 Jan. 15 corp. 25 Apr. 16 hon. dis. 31 May 17 pvt. 1 f. a. 1 Oct. 17 bat. sup. sgt. 2 Oct. 17 2 lt. 1 f. a. 26 Dec. 17 accepted. 29 Dec. 16 1 lt. 12 Jan. 18 cap. 27 Mar. 18 accepted. 30 Mar. 18 r. l. 24 Mar. 19 cap. q.m.c. 27 May 19 accepted. 29 May 19	N. Y. 29 Jan. 69	.....
<i>First Lieutenants</i>				
Miller, John Valentine, 27 June 18	.....	pvt. 3 amb. co. 21 Apr. 13 dis. 20 Apr. 16 2 lt. 21 June 17 1 lt. 27 June 18 accepted. 29 June 18	N. Y. 14 Mar. 87	a. c. & d.
Stillings, John A. B., 4 Dec. 18 reserve list. 23 Apr. 19	.....	pvt. co. C. 7 July 84 corp. 6 Aug. 86 sgt. 24 Oct. 88 f. and h. dis. 1 Nov. 95 r. l. 14 June 16 hon. dis. 6 Dec. 16 1 lt. q.m.c. 4 Dec. 18 accepted. 5 Dec. 18	N. Y. 28 July 60	.....
Wisely, Joseph A., Jr., 4 Dec. 18	.....	pvt. co. A, 10 inf. 23 Apr. 07 hon. dis. 1 Dec. 10 1 lt. q.m.c. 4 Dec. 18 accepted. 4 Dec. 18	N. Y. 28 Feb. 89	.....
Lurie, George J., 12 Dec. 18	.....	pvt. service co. 14 Dec. 17 tra. to co. H, 22 eng. 14 Mar. 18 hon. dis. 18 Sep. 18 2 lt. q.m.c. 19 Sep. 18 1 lt. 12 Dec. 18 accepted. 14 Dec. 18	N. Y. 21 Feb. 95	.....

QUARTERMASTER CORPS—*Concluded*

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Second Lieutenants—Continued</i>				
Mencham, Joseph F. S., 28 dec. 18	mustered into u. s. ser. 10 July 18 out 5 Oct. 18	pvt., tr. D, 1 cav. 24 May 04 dropped. 28 Mar. 06 taken up. 5 July 06 f. and h. dis. 18 Jan. 10 re-enlisted. 1 Mar. 10 f. and h. dis. 22 Mar. 11 re-enlisted. 13 Apr. 11 corp. 8 Oct. 14 f. and h. dis. 28 June 15 2 lt. 3 inf. 12 July 16 r. 1. 13 Dec. 16 1 lt. q.m.c. 28 Dec. 18 aide to gov. 1 Jan. 19	N. Y., 1 mar. 81	
Lawrence, Arthur R., 9 May 19		pvt. co. F, 7 inf. 29 Nov. 98 f. and h. dis. 23 Dec. 03 2 lt. a. g. d. 4 Dec. 18 1 lt. q.m.c. 9 May 19 accepted. 9 May 19	N. Y., 24 Feb. 72	
Bubba, Charles L., 16 May 19		see division.		
Floersheimer, Joseph H., 16 May 19		see division.		
<i>Second Lieutenants</i>				
Holmes, Milton A., 14 Sep. 17		2 lt. 14 Sep. 17 accepted. 14 Sep. 17		N. Y. G.
Wright, William M., 9 May 17		pvt. 1 motor batty. 23 Mar. 16 acting 1 sgt., dis. — July 16 2 lt. q.m.c. 9 May 17 accepted. 10 May 17	N. Y., 25 Aug. 82	state ad. staff
Stonehouse, Roger H., 17 Oct. 17 reserve list. 12 Apr. 19		2 lt. 17 Oct. 17 accepted. 18 Oct. 17		N. Y. G.
Chandler, Walter, Jr., 15 Aug. 18	1 cav. N. G. N. J., 1900-1902.	pvt. sup. co. 7 inf. 23 Nov. 17 bata. sgt. maj. 11 June 18 2 lt. q.m.c. 15 Aug. 18 accepted. 16 Aug. 18	N. J., 75	
Scheid, George Adam, 2 Oct. 18		2 lt. q.m.c. 2 Oct. 18 accepted. 2 Oct. 18		
Maffuci, Mauri, 15 Oct. 18		pvt. q.m.c. 26 May 17 dis. 14 Mar. 18 2 lt. 15 Oct. 18 accepted. 15 Oct. 18	Italy 27 Sep. 85	
Pauli, George W., 20 Jan. 19		pvt. service co. 14 June 17 trans. to co. H, 22 eng. 14 Mar. 18 sgt. 1 cl. 2 lt. q. m. c. 20 Jan. 19 accepted. 20 Jan. 19	N. Y., 28 Nov. 82	
Maine, George W., 11 July 19		pvt. co. A, 14 inf. 28 Jan. 01 hon. dis. 29 Oct. 06 pvt. q. m. c. 24 June 19 sgt. 1 cl. 1 July 19 2 lt. q. m. c. 11 July 19 accepted. 14 July 19	N. Y., 11 Mar. 79	

ORDNANCE DEPARTMENT

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
ORDNANCE DEPARTMENT				
<i>Lieutenant Colonel</i>				
Daly, Joseph J., 1 apr. 19		see division.		
<i>Majors</i>				
Waterbury, Frederick M., 22 nov. 09		see division.		
Bird, Harrison Kerr, 24 dec. 12		2 lt. (D), 171 inf. 3 june 98 supn. 3 jan. 99 assigned to duty (1), 71 inf. 26 jan. 00 military secretary to gov. maj. 1 jan. 01 reappointed with o. r. 1 jan. 08 a. d. c. to gov., col. 2 jan. 05 resigned. 31 dec. 06 maj. o. d. 24 dec. 12 accepted. 26 dec. 12 aide 1 brig. 23 aug. 16 N. G. r. 4 may 18 col. inf. 20 dec. 18 accepted. 28 dec. 18	N. Y. 20 dec. 74	
Frimble, Louis Callender, 22 jan. 18 reserve list. 31 jan. 19		pvt. 8 co. 15 oct. 02 corp. 9 july 03 agt. 13 nov. 06 1 lt. 50 co. 28 june 07 cap. 3 inf. 23 may 11 hon. dis. 30 mar. 15 r. l. 19 apr. 15 hon. dis. 7 apr. 16 r. l. 25 sep. 17 cap. 3 inf. 11 oct. 17 maj. 22 jan. 18 major o. d. 4 mar. 18 active duty. 2 apr. 18 act. i. g. 24 oct. 18 asst. to i. g. 6 dec. 18 to arsenal. 9 nov. 18	Ga. 13 june 85	
Gould, Edwin, 28 feb. 18 reserve list. 13 may 19		pvt. tr. A. 2 apr. 99 cap. i. s. a. p. 5 mar. 91 full and hon. dis. 27 apr. 94 pvt. tr. A. 14 mar. 16 sup. agt. 3 aug. 17 sup. agt. tr. A. 17 dec. 17 maj. o. d. 28 feb. 18 accepted. 4 mar. 18	N. Y. 25 feb. 66	
Parish, Edward Jenkins, 10 may 18 Distinguished Graduate, Garrison Schools, 1915		asst. surg. 3 sep. co. 1 lt. 31 may 05 supn., reassigned. 21 jan. 08 asst. surg. 1 lt. with o. r. 6 feb. 08 1 lt. 1 inf. 5 june 08 cap. 1 apr. 10 cap. ord. dept. with o. r. 31 mar. 17 accepted. 31 mar. 17 maj. o. d. 10 may 18 N. G. r. 24 mar. 19	N. Y. 15 june 74	3 brig.

ORDNANCE DEPARTMENT—*Concluded*

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
ORDNANCE DEPARTMENT — Concluded				
Majors — Concluded				
Barmon, Daniel Webster, 30 sep. 18 reserve list....26 nov. 19	pvt. co. F..... 6 may 95 corp.....19 July 97 dropped..... 5 dec. 98 taken up..... 6 mar. 99 sgt.....29 June 99 2 lt..... 5 apr. 05 cap.....12 July 05 sup. and reassigned..21 Jan. 08 cap.....24 feb. 08 hon. dis.....17 oct. 12 cap. inf. N. Y. G....14 may 18 maj. o. d.....30 sep. 18 accepted..... 8 oct. 18	Mich. 19 dec. 73	.....
Potts, Charles Edwin, 16 oct. 18	pvt. co. A, 23 inf....25 mar. 95 dropped.....14 sep. 96 taken up.....23 aug. 97 corp..... 2 June 00 sgt.....20 feb. 05 1 sgt..... 9 sep. 07 full and hon. dis....13 apr. 08 re-enlisted.....13 apr. 08 dropped.....25 may 08 cap.....11 dec. 17 maj. o. d.....16 oct. 18 accepted.....17 oct. 18	N. Y. 3 July 73	2 brig.
Lewis, Tracy H., 15 mar. 19	see division		
Mundy, Joseph A., 16 sep. 19	see division.		
McDonald, Thomas C., 27 oct. 19	1 lt. 12 inf.....19 mar. 19 maj. o. d.....27 oct. 19 accepted.....23 oct. 19	N. Y. 23 mar. 75	1 brig.
Martin, Clarence Stewart, 26 nov. 19 Graduate Garrison Schools, 1915.	pvt. co. D, 3 N. Y. inf.....15 may 98 to 30 nov. 98 mustered into u. s. ser..... 5 July 16 out 5 oct. 16 into 16 apr. 17 cap. 108 inf., 2 may 18 hon. dis..31 mar. 19	pvt. 48 sep. co.....12 may 98 hon. dis.....10 jan. 99 pvt. 48 sep. co.....25 mar. 11 to 26 mar. 12 1 lt. 3 inf.....26 mar. 12 accepted.....27 mar. 12 dft..... 5 aug. 17 r. l..... 1 may 19 cap. 3 inf..... 4 June 19 cap. N. Y. N. G....30 June 19 accepted.....11 sep. 19 maj. o. d.....26 nov. 19 accepted.....29 nov. 19	N. Y. 16 oct. 72	4 brig.

INSPECTOR GENERAL'S DEPARTMENT

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Colonel</i>				
Smith, Howard Caswell, 4 dec. 18 reserve list.... 2 jan. 19	pvt. sq. A. 21 dec. 94 corp., sgt., 1 sgt., full and hon. dis. — oct. 00 1 lt. depot sq. A, cav. 7 july 16 hon. dis. 10 jan. 17 detailed to duty with depot of intelli- gence. 28 june 17 cap. a. g. dept., asst. to a. g. 22 aug. 17 maj. i. g. d. 31 oct. 17 lt. col. 28 june 18 c. of a. div. 28 june 18 relieved. 6 dec. 18 col. 4 dec. 18 accepted. 4 dec 18	N. Y. 19 feb. 71	.....
<i>Lieutenant Colonels</i>				
Wainwright, J. Mayhew, 6 july 18	(see division).		
Richmond, Harry S., 15 mar. 18 assistant to the adj. genl. 9 sep. 18 relieved. 15 feb. 19	pvt. 3 sig. corps. 8 feb. 93 corp. 2 mar. 95 sgt. 21 jan. 96 1 sgt. 22 apr. 96 1 lt. 21 apr. 98 sup. 15 jan. 02 assigned tr. B. 15 jan. 02 cap. 15 july 03 maj. 3 sqd. 7 oct. 11 retired. 10 june 14 maj. 15 mar. 18 accepted. 20 mar. 18 asst c. of a. div. 11 dec. 18 relieved. 27 feb. 19 lt. col. i. g. 8 mar. 19 accepted. 10 mar. 19	N. Y. 20 jan. 65	.....
Burleigh, George W., 7 oct. 19	(see division).		
<i>Majors</i>				
White, Seymour P., 3 nov. 17 full & hon. dis. 18 apr. 19	2 lt. 65 regt. 24 june 96 i. s. a. p. 65 regt., grade 1 lt. 24 july 97 1 lt. co. M, 65 regt. 2 may 98 1 lt. 65 regt., asst. i. s. a. p., 65 regt. 9 sep. 99 aide on gov. staff. 1 jan. 01 to 31 dec. 04 full and hon. dis. 16 nov. 05 maj. 31 oct. 17 accepted. 3 nov. 17	N. Y. 2 aug. 73	4 brig.
Winalow, George Justin, 4 jan. 18	2 lt. 13 july 98 N. Y. Vols 12 nov. 98	pvt. 28 co. 11 feb. 95 mus. 1 feb. 96 1 lt. 5 july 98 cap., 1 inf. 7 mar. 12 retired. 17 apr. 14 maj. 1 dept. 14 july 16 maj. 1 inf. 15 sep. 17 maj. i. s. g. dept. 4 jan. 18 accepted. 11 jan. 18 2 prov. regt. 6 aug. 17 relieved. 22 mar. 19	N. Y. 16 jan. 76	

INSPECTOR GENERAL'S DEPARTMENT—Concluded

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Majors—Concluded</i>				
Askin, James Patrick, 12 jan. 18	mustered into u. s. ser..... 6 july 16	pvt., co. M, 7 inf. . . . 5 june 11 to 7 oct. 11 2 lt. 69 inf. 7 oct. 11 1 lt. 21 june 12 cap. 19 apr. 16 resigned. 31 oct. 16 r. l. 21 may 17 cap. inf. 18 oct. 17 maj. i. g. d. 12 jan. 18 accepted. 12 jan. 18	N. Y. 24 july 88	1 brig.
Fowler, James Porter, 21 may 18	1 lt. 65 regt. N. Y. Vols. . . 17 may 98 to 17 nov. 98 mustered into u. s. ser. . . . 5 aug. 16 out 17 mar. 17 into 23 july 17 hon. dis. . 15 july 17	pvt. co. G. 8 may 93 corp. 2 apr. 94 sgt. 18 may 95 2 lt. 28 may 96 1 lt. 25 feb. 98 cap. 14 sep. 99 maj. 5 may 13 maj. 3 f. a. 11 july 16 r. l. 15 may 18 maj. 21 may 18 accepted. 22 may 18	N. Y. 13 jan. 74	.....
Edwards-Ficken, Henry, 26 nov. 18	.....	pvt. 2 brig. sig corps. . 28 nov. 87 tra. tr. A. 26 oct. 89 lance corp. 11 may 94 corp. 27 mar. 95 sgt. 17 sep. 95 1 lt. 8 regt. 5 apr. 00 resigned. 5 apr. 03 pvt. depot sqd. 20 dec. 15 sup. sgt. 23 june 17 sgt. maj. 31 july 17 hon. dis. 2 feb. 18 1 lt. 1 feb. 18 cap. i. g. dept. 14 may 18 maj. 26 nov. 18 accepted. 3 dec. 18	Eng. 25 may 82	.....
<i>Captains</i>				
Barnes, Charles H., 15 mar. 18	.....	pvt. 41 sep. co. 9 apr. 03 corp. 13 july 07 2 lt. 3 inf. 2 apr. 08 1 lt. ord. dept. 25 june 12 cap. co. C. 7 may 13 r. l. 5 apr. 17 cap. i. g. dept. 15 mar. 18 accepted. 16 mar. 18	Conn. 4 mar. 71	.....
Angel, Laurance, 14 may 18 hon. dis. . . . 11 mar. 19	Co. H, 3 N. Y. V., 17 may 98 to 30 nov. 98 2 lt. P. R. inf., 25 mar. 02 to 30 june 04 1 lt. P. R. inf., 1 july 04 cap. 20 nov. 08 to 31 aug. 15	cap. i. g. d. 14 may 18 accepted. 15 may 18	.....	.....
Parry, Hiram B., 18 feb. 19	2 lt. O. R. C., 19 may 17 hon. dis. . 7 feb. 19	pvt. tr. I, 1 cav. 6 mar. 15 hon. dis. 15 may 17 cap. i. g. d. 18 feb. 19 accepted. 19 feb. 19	N. Y. 9 feb. 90	.....

MEDICAL DEPARTMENT

First Field Hospital, 56 West 66th Street, New York City. Mustered in February 25, 1918.
 Camera Detachment assigned S. O. 84, A. G. O. 1918.
 Dental Unit assigned S. O. 210, A. G. O. 1918.
 Second Field Hospital, Elk and Lark Streets, Albany. Mustered in February 24, 1918.
 Third Field Hospital, 1402 Eighth Avenue, Brooklyn. Mustered in June 3, 1918.
 Fourth Field Hospital, 29 Masten Street, Buffalo. Mustered in.
 First Ambulance Company. Not organized.
 Second Ambulance Company, 900 Main Street, East Rochester. Mustered in March 8, 1918.
 Third Ambulance Company, 56 West 66th Street, New York City. Mustered in May 13, 1918.
 Fourth Ambulance Company, West Jefferson Street, Syracuse. Mustered in March 30, 1918.
 Transferred to 3d Infantry December 11, 1918. Reorganized from Co. T, 3d Infantry, June 28, 1918.

MEDICAL CORPS, NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Colonel</i>				
Montgomery, Walter C., (D. S. M.) 17 feb. 19	mustered into u. s. ser. . . . 2 july 16 out 24 feb. 17 into 16 july 17 col. m. c. 17 feb. 19 hon. disc. . . 1 apr. 19	asst. surg. cap. 30 dec. 08 cap. m. c. 17 may 09 maj. 7 oct. 11 lt. col. 21 mar. 17 accepted. 22 mar. 17 dfr. 5 aug. 17 col. m. c. 1 apr. 19 accepted. 1 apr. 19	N. Y. 19 may 78	Div.
<i>Lieutenant Colonel, N. Y. N. G.</i>				
Salisbury, Lucius A., 19 mar. 19	.....	see division.		
<i>Lieutenant Colonel</i>				
Carney, Matthew F., 5 june 19	.....	see division.		
<i>Majors</i>				
Boswell, Charles O., 25 june 17	.....	see division.		
Dunseith, John F., 17 july 17	.....	see division.		
Becker, Edward Waterbury, 6 aug. 17	.....	asst. surg. 21 sep. co. 1 lt. 25 may 06 supn., reassigned. . . 21 jan. 08 asst. surg. 1 lt. . . . 24 feb. 08 with rank from. . . . 25 may 06 cap. m. c. 3 july 09 with rank from. . . . 26 june 09 accepted. 3 july 09 maj. 8 oct. 12 resigned. 25 mar. 14 r. l. 7 may 17 maj. m. c. 26 oct. 17 with rank from. . . . 6 aug. 17 accepted. 31 oct. 17	N. Y. 30 apr. 76	2 inf.
Maguire, Thomas Francis, 14 aug. 17	mustered into u. s. ser. . . . 6 july 16 out 9 mar. 17	asst. surg. 69 inf. cap. 28 may 02 supn., reassigned. . . 21 jan. 08 asst. surg. cap. . . . 21 feb. 08 with rank from. . . . 28 may 02 cap. m. c. 17 may 09 with rank from. . . . 28 may 02 maj. 13 june 14 r. l. 4 apr. 17 maj. 15 nov. 17 with rank from. . . . 14 aug. 17 accepted. 19 nov. 17	N. Y. 29 oct. 09	69 inf.
Townsend, Charles Emerson, 15 sep. 17 hon. dis. . . . 15 sep. 17	.....	maj. 15 sep. 17 accepted. 21 sep. 17 1 prov. regt. 29 sep. 17	.....	1 inf.

MEDICAL CORPS, NEW YORK GUARD—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Majors—Continued</i>				
Clinton, Charles Alexander, 8 oct. 17		cap. 8 nov. 17 maj. 23 nov. 17 with rank from. 8 oct. 17 accepted. 30 nov. 17 1 prov. regt. 8 oct. 18		9 c. a. c.
Ayers, Lemuel De Los, 11 oct. 17		pvt. co. F, 7 inf. 7 may 18 1 lt. m. c. d. b., 7 inf., 11 aug. 18 maj. m. c. 11 oct. 17 accepted. 15 oct. 17	Pa.	7 inf.
Smith, Lee Herbert, 31 oct. 17 retired. 18 apr. 19		insp. rifle practice, cap. 74 inf. 17 feb. 90 i. s. s. p. and o. o. maj. 4 brig. 30 mar. 00 supn., reassigned. 21 jan. 08 maj. o. d. 18 mar. 08 recommissioned with o. r. 7 may 08 retired. 5 july 16 placed on duty with 4 brig. 4 aug. 16 ord. officer. 18 aug. 16 retd. to retired list. 6 oct. 16 maj. 31 oct. 17 maj. m. c. 18 sep. 18 accepted. 24 sep. 18	Ohio 10 aug. 56	hdqrs. 4 brig.
Tieck, Gustav J. J., 23 nov. 17 hon. dis. 4 dec. 19	German navy, 1890-1891	cap. m. c. 11 oct. 17 maj. 23 nov. 17 accepted. 3 dec. 17	Ger. 5 nov. 70	22 eng.
Keyes, James J., 4 dec. 17		maj. m. c. 4 dec. 17 accepted. 8 dec. 17	Ire. 24 may 60	23 inf.
Eschelman, Karl Ferdin- and, 17 dec. 17		1 lt. m. c. 31 may 11 hon. dis. 3 dec. 13 cap. m. c. 19 oct. 17 maj. m. c. 17 dec. 17 accepted. 21 dec. 17	Can. 15 oct. 82	74 inf.
Griswold, William Church, 17 feb. 18	surg. u. s. a., 9 may 02 to may 04; jan. 05 to mar. 09; july 09 to nov. 10. 1 lt. m. r. c., 26 dec. 08 hon. dis. 1 july 17	maj. 3 f. h. N. Y. G. 7 feb. 18 accepted. 8 feb. 18	N. Y. 9 mar. 73	.....
Clairborne, J. Herbert, 26 feb. 18 reserve list. 11 aug. 19	enrolled in N. Y. city to serve 2 years. 2 may 98 mustered in as 1 lt. bat. adj., 13 may 98 cap. co. G, 23 july 98 dis. at Camp Ham- ilton, Ky., 15 oct. 98 1 lt. bat. adj., 13 may 98 rank from, 13 may 98 cap. 23 july 98	cap. r. l. 9 apr. 17 duty with d. b., 12 inf. 10 may 17 cap. m. c. 5 sep. 17 with rank from. 10 may 17 maj. 8 mar. 18 accepted. 9 mar. 18	N. C. 29 june 61	12 inf.

MEDICAL CORPS, NEW YORK GUARD—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Majors—Continued</i>				
Sherwood, William Davies, 17 apr. 18 reserve list.... 15 dec. 19	mustered into u. s. s. ser. 30 june 18 hon. dis. . . 24 oct. 18	1 lt. m. c. 19 may 18 cap. m. c. 18 aug. 17 maj. 17 apr. 18 accepted. 19 apr. 18	N. Y. 83	8 c. a. e.
Bradner, Frank William, 14 may 18	1 lt. m. r. e., u. s. a., 18 may 17 hon. dis. . 10 sep. 17	1 lt. m. c. 13 sep. 17 cap. 15 nov. 17 maj. 14 may 18 accepted. 15 may 18	14 dec. 68	18 c. de.
Rooney, James Francis, 31 may 18		cap. m. c. 28 nov. 17 maj. 31 may 18 accepted. 31 may 18		2 f. h.
White, Edgar William, 3 july 18 N. Y. N. G.		cap. m. c. 23 nov. 17 maj. 3 july 18 maj. m. c. N. Y. N. G. 5 dec. 19 accepted. 5 dec. 19	Eng. 21 apr. 86	71 inf.
Bissell, William Grosvenor, 10 july 18 died. 14 nov. 19		cap. and asst. surg. 74 regt. 17 oct. 94 maj. and surg. 7 oct. 97 supn. and reassigned. 21 jan. 08 maj. 24 feb. 08 maj. m. c. 17 may 09 retired. 24 feb. 14 maj m. c. 10 july 18 accepted. 17 july 18	N. Y. 30 jan. 70	65 f. a.
Ross, Frank Ward, 15 july 18	asst. surg. u. s. a., 1898-1899	1 lt. m. c. 10 july 17 cap. 30 jan. 18 maj. 15 july 18 accepted. 18 july 18	N. Y. 10 july 69	4 inf.
Towner, Albert N., 23 aug. 18		see division.		
Cooper, Phillip, 26 aug. 18		cap. m. c. 3 inf. 20 feb. 18 maj. 26 aug. 18 accepted. 27 aug. 18 r. l. 19 june 19 trs. 3 inf. 29 dec. 19	Russia 1 nov. 89	
McKenna, William Francis, 18 sep. 18 hon. dis. 20 feb. 19		1 lt. m. c. 5 sep. 17 major. 18 sep. 18 accepted. 23 sep. 18	N. Y. 12 aug. 88	14 inf.
Hotchkiss, Henry Thomas, 26 sep. 18 reserve list.... 13 june 19		asst. surg. cap., 47 regt. 23 july 99 supn. and reassigned. 21 jan. 08 surg. maj. 11 mar. 08 maj. m. c. 17 may 09 f. and h. dis. 29 june 17 maj. m. c. 26 sep. 18 accepted. 3 oct. 18	N. Y. 22 june 63	47 inf.
Rausch, William Carl, 30 sep. 18		pvt. hosp. corps. 27 mar. 11 dropped. 1 july 13 taken up. 24 june 14 1 lt. m. c. 28 sep. 14 hon. dis. 18 sep. 16 r. l. 6 nov. 16 cap. 5 mar. 18 maj. 30 sep. 18 cap. m. c., N. G. R. 24 apr. 19	N. Y. 17 june 91	10 inf.
Bruce, Charles E., 19 oct. 18 reserve list.... 12 july 19		1 lt. 8 c. a. e., N. G. N. Y. 28 apr. 79 cap. 15 aug. 81 maj. 23 may 82 supn. 16 nov. 94 maj. m. c. 19 oct. 18 accepted. 28 oct. 18	N. Y. 16 nov. 81	

MEDICAL CORPS, NEW YORK GUARD—(Continued)

Name, grade, date of rank & highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
Majors—Continued				
Campbell, Ernest A., 11 nov. 18	1 lt. u. s. r., 21 may 17 cap. 10 nov. 17 maj. 11 nov. 18 with 56 c. a. c. hon. dis. . 6 aug. 19	maj. m. c. 28 aug. 19 accepted. 13 sep. 19	Can. 8 apr. 80	1 f. a.
A'Hearn, Martin Joseph, 29 jan. 19	.....	1 lt. d. b., 2 inf., 1 lt. m. c., 2 inf. 23 July 17 cap. m. c. 13 nov. 17 accepted. 17 nov. 17 2 prov. regt. 7 aug. 17 relieved. 25 Jan. 19 maj. 29 Jan. 19 accepted. 30 Jan. 19	N. Y. 20 mar. 88	3 brig.
Booth, Franklin Hendrick- son, 26 feb. 19 reserve list. 19 apr. 20	.....	1 lt. m. c. 7 feb. 18 cap. 1 July 18 maj. 26 feb. 19 accepted. 3 mar. 19	N. Y. 19 nov. 76	14 inf.
Frankel, Edward, Jr., 18 oct. 19	.....	cap. m. c. 20 nov. 18 maj. 18 oct. 19 accepted. 21 oct. 19	N. Y. 31 aug. 80	1 brig.
Corbett, Edward L., 29 nov. 19	.....	1 lt. m. c., d. b. 10 aug. 17 1 lt. m. c. 5 sep. 17 cap. 21 Jan. 18 maj. 29 nov. 19 accepted. 4 dec. 19	N. Y. 4 feb. 78	2 f. a.
Gram, Franklin Charles, 29 nov. 19	.....	cap. m. c. 13 sep. 18 maj. 29 nov. 19 accepted. 4 dec. 19	Can. 4 oct. 61	65 f. a.
Atkins, Lloyd R., 30 dec. 19	cap. m. c. 7 aug. 18 hon. dis. . 15 apr. 19	cap. m. c. 15 dec. 19 maj. 30 dec. 19 accepted. 31 dec. 19	Conn. 23 dec. 66	8 s. d. e.
Captains				
Bishop, Elliot, f. and h. dis. 19 may 19	.....	pvt. hosp. corps, asst hosp. stwd., sgt. hosp. corps, 13 inf., 2 apr. 07 to 4 mar. 08 asst. surg. cap. 4 mar. 08 cap. m. c. 17 may 09 cap. m. c. 5 sep. 17 with rank from. 29 feb. 08 accepted. 24 sep. 17	N. Y. 18 Jan. 80	2 f. a.
Getman, William Tweedy, 3 oct. 16 f. and h. dis. 26 dec. 19	mustered into u. s. ser. 12 July 98 dis. 11 dec. 98	1 lt. m. c. 8 apr. 10 cap. 11 apr. 18 f. and h. dis. 12 July 15 cap. m. c. 16 apr. 18 accepted. 22 apr. 18	N. Y. 27 sep. 76	1 cav.
Benedict, A. L., 28 June 17	cap. m. r. c., 28 June 17 hon. dis. . 27 dec. 18	cap. m. c. 7 June 19 accepted. 16 June 19	N. Y. 25 Aug. 65	74 inf.
Dean, William I., 14 July 17 reserve list. 13 June 19	.....	1 lt. m. c. 14 June 17 accepted. 11 July 17 cap. 15 feb. 18 accepted. 22 feb. 18	N. Y. 27 Apr. 77	3 inf.

MEDICAL CORPS, NEW YORK GUARD—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Captains—Continued</i>				
Dunseith, James Gracey, 3 aug. 17	mustered into u. s. a. ser. 28 june 18 out 25 oct. 18	pvt., 1 cl. pvt. f. h. . . . 3 dec. 07 to 28 dec. 09 1 lt. m. c. 28 dec. 09 cap. 2 jan. 13 resigned. 13 july 17 r. l. 26 july 17 cap. m. c. 3 aug. 17 cap. m. c. 20 feb. 18 accepted. 6 mar. 18	N. Y. 17 apr. 80	1 f. h.
Waggoner, William C., 5 sep. 17	.....	cap. m. c. 5 sep. 17 accepted. 5 sep. 17	Ill. 13 july 81	23 inf.
Hunt, Charles Frederick, 26 oct. 17 reserve list. 10 dec. 19	.....	cap. m. c. 26 oct. 17 accepted. 31 oct. 17	N. Y. 28 july 78	22 ensg.
O'Connor, John Henry, 4 dec. 17	1 lt. m. c., u. s. n. g. 20 july 17 hon. dis. . 28 aug. 17	1 lt. m. c. 20 apr. 15 dft. 5 aug. 17 cap. m. c. 4 dec. 17 accepted. 10 dec. 17 aide to gov. 1 jan. 19	N. Y. 13 june 69	69 inf.
O'Brien, Henry L., 11 dec. 17	.....	enlisted 3 batty 1 oct. 82 pvt., corp., sgt. hon. dis. 28 nov. 87 enlisted co. E, 23 regt. 23 jan. 88 h. c. regt., hon. dis. . . 2 dec. 89 enlisted in 23 regt., m. g. co. 14 nov. 17 cap. m. c. 11 dec. 17 accepted. 14 dec. 17	N. J. 29 jan. 64	23 inf.
Shaw, Arthur L., 15 dec. 17	.....	1 lt. m. c. 25 oct. 17 cap. m. c. 15 dec. 17 accepted. 19 dec. 17	N. Y.	3 inf.
Purcell, Fred Cole, 20 dec. 17	pvt. co. L, 65 regt., N. Y. Vols., may-oct., 1898	1 lt. m. c., co. C, 74 inf., d. b. 18 aug. 17 1 lt. m. c. 10 oct. 17 cap. 20 dec. 17 accepted. 7 jan. 18	Pa. 13 feb.	74 inf.
Sharkey, James Charles, 24 dec. 17	.....	cap. m. c. 24 dec. 17 accepted. 27 dec. 17	N. Y. 14 nov. 67	2 f. h.
Loughlin, Thos. Bernard, 2 jan. 18 full & hon. dis. 3 dec. 19	.....	asst. surg., 1 lt. 11 mar. 08 1 lt. m. c. 17 may 09 cap. 7 mar. 11 full and hon. dis. . . . 4 nov. 14 cap. 2 jan. 18 accepted. 8 jan. 18	N. Y. 13 apr. 68	65 inf.
Bourne, Philip Horton, 8 jan. 18	.....	cap. m. c. 8 jan. 18 accepted. 8 jan. 18	.....	65 inf.
Simonds, Grant H., 12 jan. 18	.....	1 lt. 29 sep. co. 27 june 95 sup. and reassigned. . . 21 jan. 08 asst. surg. 1 lt. 3 may 08 cap. m. c. 17 may 09 full and hon. dis. . . . 3 sep. 17 cap. m. c. 12 jan. 18 accepted. 21 feb. 18	N. Y. 3 may 66	3 inf.
Blatt, Meyer Harold, 17 jan. 18	.....	cap. m. c. 17 jan. 18 accepted. 19 jan. 18	N. Y. 187 nov. 82	47 inf.

MEDICAL CORPS, NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Captains—Continued</i>				
Lane, Wm. Henry, 23 jan. 18		cap. m. c. 23 jan. 18 accepted. 5 feb. 18	N. Y. 18 dec. 82	74 inf.
Rosanno, Augusto T., 26 jan. 18 hon. dis. 13 feb. 19		1 lt. m. c. 4 dec. 17 cap. 26 jan. 18 accepted. 1 feb. 18	Italy 29 may 82	69 inf.
Tarbell, Roscoe C., 30 jan. 18		cap. m. c. 30 jan. 18 accepted. 1 feb. 18	N. Y. 17 jan. 76	4 inf.
Jirk, John M., 30 jan. 18		cap. m. c. 30 jan. 18 accepted. 6 feb. 18	N. Y. 11 July 68	4 inf.
Heacox, Frank L., 30 jan. 18		1 lt. m. c., d. b. 21 July 17 cap. 30 Jan. 18 accepted. 1 feb. 18	Conn. 11 feb. 76	3 inf.
Douglas, William C., 30 jan. 18		cap. m. c. 30 jan. 18 accepted. 1 feb. 18	N. J. 4 aug. 63	4 inf.
Brasted, Howard S., 30 jan. 18		cap. m. c. 30 jan. 18 accepted. 2 feb. 18	N. Y. 4 aug. 88	4 inf.
Leighton, Frederick, 30 jan. 18		cap. m. c. 30 jan. 18 accepted. 2 feb. 18	29 dec. 84	74 inf.
Pelton, Henry Hubbard, 6 feb. 18	acting asst. surg. u. s. a. . . . 9 sep. 08 relieved from duty, 10 oct. 08 reassigned. 1 nov. 98 relieved. . 15 dec. 98	enlisted 7 inf. 22 apr. 03 hon. dis. 21 June 16 1 lt. m. c. 26 oct. 17 cap. 6 feb. 18 accepted. 15 feb. 18	Conn. 23 feb. 71	7 inf.
Davis, Fellows, Jr., 6 feb. 18 reserve list. . . 16 apr. 19		1 lt. m. c., 7 inf. 23 nov. 17 accepted. 23 nov. 17 cap. 6 feb. 18 accepted. 8 feb. 18	N. Y. Aug. 4 72	7 inf.
Hutton, Edw. Hyatt, 20 feb. 18		cap. 20 feb. 18 accepted. 27 feb. 18	N. Y. 5 nov. 72	4 inf.
Cooley, Halsey E., 28 feb. 18		cap. m. c. 28 feb. 18 accepted. 4 mar. 18	N. Y. 3 June 67	4 inf.
Kenny, John Joseph, 14 mar. 18		cap. m. c. 14 mar. 18 accepted. 18 mar. 18	Can. 5 mar. 83	12 inf.
Waterbury, Earl Charles, 20 mar. 18		1 lt. m. c. 11 oct. 17 1 prov. regt. 5 nov. 17 relieved. 12 jan. 19 cap. 20 mar. 18 accepted. 30 mar. 18	N. Y. 10 aug. 89	1 inf.
Bates, Sherman W., 21 mar. 18		capt. m. c. 21 mar. 18 accepted. 27 mar. 18	N. Y. 6 Jan. 69	3 f. h.
Smith, Philip Embry, 21 mar. 18		1 lt. m. c. 3 jan. 18 cap. 21 mar. 18 accepted. 25 mar. 18	N. Y. 83	1 s. c.

MEDICAL CORPS, NEW YORK GUARD.—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Captains — Continued</i>				
Wallace, Wesley Herbert, 21 mar. 18		cap. m. c. 21 mar. 18 accepted. 26 mar. 18	N. Y. 9 nov. 69	3 f. h.
Clark, Frank H., 21 mar. 18		cap. m. c. 21 mar. 18 accepted. 27 mar. 18	N. Y. 7 sep. 67	3 f. h.
Kinloch, Robert E., 21 mar. 18 reserve list. . . . 4 oct. 19		cap. m. c. 21 mar. 18 accepted. 6 apr. 18	N. Y. 21 sep. 73	3 f. h.
Stetson, Dudley D., 9 apr. 18 reserve list. . . . 22 oct. 18		1 lt. m. c. 11 oct. 17 cap. 9 apr. 18 accepted. 29 apr. 18	N. Y. 28 may 78	1 f. a.
Splint, Frederick W., 10 apr. 18 reserve list. . . . 1 sep. 18		cap. m. c. 10 apr. 18 accepted. 11 apr. 18	N. Y. 11 nov. 81	1 f. a.
Ballantyne, Reginald M., 10 apr. 18		see division.		
Stowell, Harold Bishop, 10 apr. 18 reserve list. . . . 29 dec. 19		cap. m. c. 16 apr. 18 accepted. 24 apr. 18	N. Y. 20 apr. 73	3 inf.
Van Wert, Reginald, 16 apr. 18 hon. dis. 14 mar. 19		cap. m. c. 16 apr. 18 accepted. 22 apr. 18	N. Y. 16 feb. 89	12 inf.
Fama, Charles, 17 apr. 18		cap. m. c. 17 apr. 18 accepted. 19 apr. 18	Italy 3 apr. 89	8 c. d. a.
Brown, Leslie, 25 apr. 18		cap. m. c. 25 apr. 18 accepted. 29 apr. 18	N. Y. 19 apr. 88	1 f. a.
Barnum, Merritt W., 10 may 18	U. S. N., 1892-1895.	cap. m. c. 10 may 18 accepted. 11 may 18	N. Y. 23 aug. 67	3 am.co.
Rogers, Robert Merriam, 14 may 18		cap. m. c. 14 may 18 accepted. 15 may 18	N. Y. 3 apr. 84	23 inf.
Ryan, Ralph, 20 may 18 hon. dis. 3 feb. 19		cap. m. c. 20 may 18 accepted. 23 may 18	N. Y. 4 may 80	71 inf.
White, John Edmund, 20 may 18		pvt. h. c. 19 jan. 11 hon. dis. 20 nov. 11 cap. m. c. 20 may 18 accepted. 22 may 18	N. Y. 17 apr. 88	5 bat.
Jenks, Edwin Brown, 20 may 18		pvt. co. I, 7 regt. . . . 3 mar. 99 dropped. 4 mar. 04 taken up. 20 may 04 full and hon. dis. . . . 7 jun. 04 2 lt. 9 c. a. c. 15 nov. 17 1 lt. 7 mar. 18 cap. m. c. 20 may 18 accepted. 22 may 18	N. Y. 5 mar. 77	9 c. a. c.
Larned, Samuel Francis, 28 may 18 hon. dis. 8 nov. 19		cap. m. c. 28 may 18 accepted. 6 june 18	N. Y. 6 apr. 87	1 cav.
Bing, William Arthur, 11 june 18		cap. m. c. 11 june 18 accepted. 20 june 18	N. Y. 22 nov. 80	3 inf.

MEDICAL CORPS, NEW YORK GUARD—(Continued)

Name, grade, date of rank & highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
Captains—Continued				
Johnson, William Henry, 11 june 18		cap. m. c. 11 june 18 accepted 17 june 18	N. Y. 10 may 88	74 inf.
Smith, J. Gardner, 19 june 18		cap. m. c. 19 june 18 accepted 21 june 18	Mass. 31 dec. 61	1 f. h.
Soofield, Raymond Brown, 21 july 18 reserve list . . . 13 nov. 19		cap. m. c. 2 july 18 accepted 6 july 18	Minn. 7 june 78	22 eng.
Ward, Joseph F., 6 july 18	1 lt. m. c. . 6 july 17 cap. 6 july 18 hon. dis. . 15 apr. 19	cap. m. c. 4 oct. 19 accepted 6 oct. 19	N. Y. 11 nov. 71	3 f. h.
Clark, J. Harold, 9 july 18 hon. dis. . . . 14 feb. 19		1 lt. 14 inf. 15 feb. 18 cap. 9 july 18 accepted 13 july 18	N. Y. 29 may 88	14 inf.
Fitzgerald, Albion J., 15 july 18	mustered into u. s. ser. 15 july 17 102 eng. cap. m. c., 15 july 18 hon. dis. . 3 apr. 19	1 lt. m. c. 15 june 17 accepted 18 june 17 dft. 5 aug. 17 r. l. 21 oct. 19 cap. m. c. 26 nov. 19 accepted 1 dec. 19	N. Y. 13 feb. 84	22 eng.
Tag, Charles Henry, 18 july 18		cap. m. c. 18 july 18 accepted 23 july 18	N. Y. 28 oct. 73	1 cav.
Mescham, Carl D., 24 july 18		cap. m. c. 24 july 18 accepted 25 july 18	N. Y. 1 aug. 86	4 inf.
Eckerson, Albert Bogert, 26 aug. 18 reserve list . . . 21 nov. 19		1 lt. m. c. 20 nov. 17 cap. m. c. 26 aug. 18 accepted 9 sep. 18	N. J. 25 dec. 70	8 c. d. a.
Reed, George S., 26 aug. 18 reserve list . . . 22 july 19		cap. m. c. 26 aug. 18 accepted 3 sep. 18	N. Y. 30 july 84	3 inf.
Gorsch, Rudolph V., 28 aug. 18	cap. m. c. 13 feb. 18 hon. dis. . 8 mar. 19	pvt., corp., co. B, 7 inf. 24 feb. 11 to 28 nov. 15 dropped 28 nov. 15 taken up 3 feb. 16 full and hon. dis. . 29 may 16 pvt. h. c. 7 inf. . . 16 nov. 17 cap. m. c. 28 aug. 18 accepted 30 aug. 18	N. Y. 14 nov. 88	7 inf.
f. and h. dis. . . 11 oct. 18				
Spaulding, Lyman J., 4 sep. 18 hon. dis. . . . 9 dec. 19	1 lt. m. r. c., 10 july 17 hon. dis. . 12 feb. 18	cap. m. c. 4 sep. 18 accepted 9 sep. 18	Mich. 93	8 c. a. c.
McCarthy, Charles F., 5 sep. 18	mustered into u. s. ser. 23 july 17 cap. m. c. 5 sep. 18 hon. dis. . 14 oct. 19	1 lt. m. c. 10 july 17 accepted 14 july 17 dft. 5 aug. 17 cap. m. c. 24 dec. 19 hon. dis. 14 oct. 19	N. Y. 3 oct. 90	.....
Rohdenburg, Geo. Louis, 18 sep. 18 hon. dis. . . . 8 sep. 19		cap. m. c. 18 sep. 18 accepted 23 sep. 18	N. Y. 5 apr. 83	1 f. h.
Drummond, Edward Au- gustus, 26 sep. 18		cap. m. c. 26 sep. 18 accepted 30 sep. 18	Mass. 23 jan. 72	69 inf.
Brenner, Edward C., 30 sep. 18		cap. m. c. 30 sep. 18 accepted 7 oct. 18	N. Y. 4 june 85	sq. A

MEDICAL CORPS, NEW YORK GUARD—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
Captains—Continued				
Broga, Dwight C., 30 sep. 18		cap. m. c. 30 sep. 18 accepted 8 oct. 18	N. Y. 80	10 inf.
Wehrenberg, William Diedrich, 30 sep. 18 hon. dis. 29 oct. 19		cap. d. c. 30 sep. 18 accepted 9 oct. 18	18 N. Y. 21 feb. 73	1 f. h.
Benson, Edward George, 30 sep. 18	mustered into u. s. ser. 22 jul. 16	1 lt. m. c. 29 dec. 15 hon. dis. 5 apr. 17 r. l. 13 aug. 17 cap. m. c. 30 sep. 18 accepted 14 oct. 18 1 prov. regt. 14 oct. 18 relieved 21 jan. 19 1 lt. m. c. N. G. R. 24 jul. 19	N. Y. 12 oct. 82	10 inf.
Moore, Roy S., 30 sep. 18 reserve list. 29 dec. 19		cap. m. c. 30 sep. 18 accepted 22 oct. 18	N. Y. 25 sep. 84	
Marx, Francis Heisner, 7 oct. 18		cap. m. c. 7 oct. 18 accepted 23 oct. 18	N. Y. 22 jul. 89	10 inf.
Gignoux, John Ernest, 9 oct. 18		cap. m. c. 9 oct. 18 accepted 15 oct. 18	N. Y. 26 aug. 74	1 f. a.
Covert, Jay Byington, 15 oct. 18		cap. m. c. 15 oct. 18 accepted 20 oct. 18	N. Y. 18 june 75	3 inf.
Williams, John Milton, 19 oct. 18		1 lt. m. c. 7 feb. 18 cap. m. c. 19 oct. 18 accepted 3 nov. 18	N. Y. 24 feb. 60	15 inf.
Yeomans, Frank Clark, 30 oct. 18		pvt. co. K, 7 inf. 19 sep. 18 cap. m. c. 30 oct. 18 accepted 4 nov. 18	N. J. 6 nov. 71	7 inf.
Smith, Harmon, 6 nov. 18 reserve list. 2 jul. 19		cap. m. c. 6 nov. 18 accepted 8 nov. 18	Ga. 20 mar. 72	9 c. a.
Coleman, Daniel E. Sickels, 20 nov. 18		pvt. co. M, 12 inf. 14 dec. 17 2 lt. 12 inf. 26 aug. 18 cap. m. c. 20 nov. 18 accepted 25 nov. 18	N. Y. 20 jul. 72	12 inf.
Horgan, John Joseph, 20 nov. 18 reserve list. 7 mar. 19		1 lt. m. c., 3 f. a. 23 feb. 18 trs. 65 inf. N. Y. G. 24 may 18 trs. to 71 inf. 25 oct. 18 cap. m. c. 20 nov. 18 accepted 3 dec. 18	Mass. 6 apr. 86	71 inf.
Allen, George Smith, 21 nov. 18		cap. m. c. 21 nov. 18 accepted 20 nov. 18	N. Y. 18 may 73	3 inf.
Thomas, George Palmer, 30 nov. 18		1 sep. nav. bat. 25 apr. 92 hon. dis. 15 feb. 95 cap. m. c. 30 nov. 18 accepted 5 dec. 18	N. Y. 26 jul. 75	1 cav.
Brannan, John Winters, 18 dec. 18		pvt. 2 co. 9 c. a. c. 8 oct. 17 cap. m. c. 18 dec. 18 accepted 19 dec. 18		9 c. a. c.
Goeller, Charles J., 30 dec. 18		cap. m. c. 30 dec. 18 accepted 2 jan. 19	N. Y. 26 jul. 80	3 amb. co.

MEDICAL CORPS, NEW YORK GUARD—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
Captains—Continued				
Deal, Fred A., 13 jan. 19 reserve list.... 24 dec. 19	cap. m. c. 24 oct. 18 hon. dis. 19 dec. 19	cap. m. c. 26 jan. 18 hon. dis. 18 sep. 18 cap. m. c. 13 jan. 19 accepted. 20 jan. 19	N. Y. 25 apr. 77	.....
Kell, Frank C., 24 jan. 19 hon. dis. 18 dec. 19	.....	1 lt. m. c. 18 oct. 17 cap. 21 mar. 18 accepted. 25 mar. 18 hon. dis. 15 aug. 18 cap. m. c. 24 jan. 19 accepted. 27 jan. 19	N. Y. 13 july 84	22 eng., 1 s. c.
Flynn, Jeremiah C., 7 feb. 19	1 lt. m. c. —	cap. m. c. 7 feb. 19 accepted. 7 mar. 19	N. Y. 21 july 89	2 amb. co.
Hamilton, Benjamin W., 11 feb. 19	.....	cap. m. c. 11 feb. 19 accepted. 18 feb. 19	Penn. 20 nov. 77	71 inf.
Wade, John S., 13 feb. 19 reserve list.... 25 mar. 19	.....	1 lt. m. c. 17 dec. 17 cap. 13 feb. 19 accepted. 24 feb. 19	Ohio, 26 jan. 70	6 bat.
Delaney, Henry A., 19 feb. 19	mustered into u. s. ser. 13 july 17 cap. d. c. 104 f. a., 19 feb. 19 hon. dis. 1 apr. 19	1 lt. d. c. 10 july 17 accepted. 12 july 17 dft. 5 aug. 17 r. l. 12 may 19 cap. d. c. 4 sep. 19 accepted. 8 sep. 19	N. Y. 17 aug. 88	1 f. a.
Lisa, James R., 27 feb. 19	mustered into u. s. ser. 3 aug. 17 hon. dis. 1 apr. 19	1 lt. m. c. 27 july 17 accepted. 30 july 17 dft. 5 aug. 17 cap. m. c. 11 nov. 19 accepted. 20 nov. 19 cap. n. g. r. 5 dec. 19	Mich. 12 nov. 89	71 inf.
Devlin, Joseph A., 4 mar. 19	.....	cap. m. c. 28 feb. 18 accepted. 4 mar. 18 hon. dis. 26 aug. 18 cap. m. c. 4 mar. 19 accepted. 6 mar. 19	N. Y. 26 sep. 84	69 inf.
Schroeder, William, Jr., 18 mar. 19	.....	cap. m. c. 18 mar. 19 accepted. 22 mar. 19	N. Y. 4 june 79	14 inf.
Nesbitt, Clarence C., 21 mar. 19 reserve list.... 25 nov. 19	mustered into u. s. ser. 15 july 17 106 amb. co., hon. dis. 19 jan. 19	1 lt. m. c. 13 june 17 accepted. 15 june 17 dft. 5 aug. 17 cap. m. c. 21 mar. 19 accepted. 24 mar. 19	.....	2 amb. co.
Saniter, Ernest H., 3 apr. 19	mustered into u. s. ser. 16 july 17 resigned 5 mar. 18.	1 lt. m. c. 17 may 17 accepted. 24 may 17 dft. 5 aug. 17 cap. m. c. 3 apr. 19 accepted. 7 apr. 19	Kan. 1 july 83	13 o. d. c.
Hennen, William D., 24 may 19	naval militia, Mass., 1896.	cap. m. c. 24 may 19 accepted. 27 may 19	N. Y. 76	71 inf.
Knoll, John G. W., 24 may 19	.....	cap. m. c. 24 may 19 accepted. 29 may 19	N. Y. 17 mar. 65	65 f. a.
McGraw, Russell J., 29 may 19	mustered into u. s. ser. 11 july 17 105 f. a., hon. dis., 3 apr. 19	1 lt. m. c. 22 may 17 accepted. 24 may 17 dft. 5 aug. 17 cap. m. c. 29 may 19 accepted. 9 june 19 cap. m. c. n. g. r. 12 dec. 19	N. Y. 12 feb. 94	2 f. a.

MEDICAL CORPS, NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>Captains—Concluded</i>				
Graham-Rogers, Charles T., 15 July 19	mustered into u. s. ser. 2 apr. 17 tra. 107 inf. 16 nov. 17 hon. dis. . 2 apr. 19	2 lt. 47 inf. 11 dec. 15 1 lt. 21 apr. 17 accepted. 26 apr. 17 dft. 5 aug. 17 cap. m. c. 15 July 19 accepted. 21 July 19	N. Y. 1 aug. 74	47 inf.
Angevine, Robert W., 28 July 19	pvt. m. r. c., 19 nov. 17 1 lt. m. c. . 5 apr. 18 hon. dis. . 25 feb. 19	cap. m. c. 28 July 19 accepted. 4 aug. 19	N. Y. 2 July 89	3 inf.
Brown, Christopher W., 11 aug. 19	1 lt. m. c. . 29 oct. 18 hon. dis. . 9 July 19	pvt. 3 f. h. 11 May 16 hon. dis. 6 July 16 cap. m. c. 14 Nov. 17 accepted. 17 Nov. 17 hon. dis. 13 Dec. 18 cap. m. c. 11 aug. 19 accepted. 18 Aug. 19	N. Y. 13 Sep. 79	13 c.d.a.
Gillen, Henry B., 15 aug. 19	mustered into u. s. ser. 1 July 16 out 22 Oct. 16	1 lt. m. c. 3 Jan. 12 accepted. 4 Jan. 12 cap. 5 Jan. 15 accepted. 6 Jan. 15 f. and h. dis. 24 Mar. 17 cap. m. c. 15 Aug. 19 accepted. 15 Aug. 19	N. Y. 7 Apr. 84	2 inf.
Walling, Charles W., 23 aug. 19	.....	pvt. co. G, 1 inf. 14 July 06 hon. dis. 13 June 08 cap. m. c. 23 Aug. 19 accepted. 27 Aug. 19	N. Y. 8 Apr. 76	4 inf.
Allespach, Walter L., 3 dec. 19	m. e. r. 10 Nov. 17 to 28 Jan. 19	cap. m. c. 3 Dec. 19 accepted. 8 Dec. 19	N. Y. 8 Nov. 94	1 cav. u
Strong, Lyman J., 16 dec. 19	1 lt. m. c. . 16 Oct. 18 hon. dis. . 16 Oct. 19	cap. m. c. 16 Dec. 19 accepted. 22 Dec. 19	N. Y. 30 Nov. 84	65 f. a.
<i>First Lieutenants</i>				
Herriman, Rudolph F., 5 sep. 17	.....	1 lt. m. c. 5 Sep. 17 accepted. 11 Sep. 17	.....	47 inf.
Dingmann, John C., 18 Oct. 17	.....	1 lt. m. c. 18 Oct. 17 accepted. 23 Oct. 17	.....	71 inf.
Griswold, Hector, 28 Nov. 17	Minnesota State Guard, 1878-1879	pvt. co. F, 22 eng. 12 Nov. 17 dis. 7 Jan. 18 1 lt. d. c. 28 Nov. 17 accepted. 1 Dec. 17	Wis. 18 July 50	22 eng.
Dorney, Edward R., 28 Mar. 18	.....	1 lt. m. c. 28 Mar. 18 accepted. 1 Apr. 18	N. Y. 9 Aug.	23 inf.
Breen, John Miller, 11 Apr. 18 reserve list. 29 Aug. 19	.....	1 lt. d. c. 11 Apr. 18 accepted. 13 Apr. 18	N. Y. 2 Feb. 74	1 f. a.
Bean, Walter Edward, 10 May 18	.....	1 lt. d. c. 10 May 18 accepted. 13 May 18	N. Y. 11 Dec. 94	2 inf.
Carr, Robert S., 10 May 18	.....	1 lt. m. c. 10 May 18 accepted. 11 May 18	N. Y. 22 June 56	3 inf.
Stillman, Paul R., 20 May 18 hon. dis. 8 Apr. 19	.....	1 lt. d. c. 20 May 18 accepted. 22 May 18	N. Y. 4 June 71	1 f. h.

MEDICAL CORPS, NEW YORK GUARD—Continued

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>First Lieutenants—Continued</i>				
Brown, William Ernest, 11 june 18 reserve list.....20 feb. 19	vet. corps, n. f. arty., 1 july 17 to 8 oct. 17	pvt. 9 c. a. c..... 8 oct. 17 hon. dis..... 28 oct. 17 pvt. 10 co. 18 c. a. c..... 16 nov. 17 corp..... 18 dec. 17 mess sgt..... 13 may 18 1 lt. d. c..... 11 june 18 accepted..... 14 june 18	Minn. 24 nov. 75	13 c. a. c.
Wheeler, Stoughton Rowley, 21 aug. 18		1 lt. m. c..... 21 aug. 18 accepted..... 26 aug. 18	N. Y. 23 june 61	8 inf.
Brasill, Manuel Jos., 30 sep. 18 reserve list.....22 oct. 19	co. I, 3 regt., Conn. N. G.	1 lt. d. c..... 30 sep. 18 accepted..... 8 oct. 18	Conn. 22 may 75	1 f. h.
Nearon, Leo Fits, 16 oct. 18	royal Bermuda mil. arty., 1896-1898.	1 lt. m. c..... 16 oct. 18 accepted..... 23 oct. 18	Berm. 17 july 77	15 inf.
Ellis, Jason Stanley, 24 oct. 18		pvt. san. det..... 10 may 18 1 lt. d. c..... 24 oct. 18 accepted..... 2 nov. 18	Pa. 24 mar. 90	4 inf.
Walker, Alfred S., 1 nov. 18		pvt. co. B, 7 regt..... 3 jan. 01 1. and h. dis..... 1 apr. 11 pvt. co. B, 7 inf..... 28 aug. 18 1 lt. d. c..... 1 nov. 18 accepted..... 4 nov. 18	N. Y. 22 may 76	7 inf.
Maller, Julius William, 8 nov. 18		1 lt. d. c..... 8 nov. 18 accepted..... 16 nov. 18	Roum. 25 sep. 88	8 c. a. c.
White, Frank Melvin, 13 dec. 18		1 lt. m. c..... 13 dec. 18 accepted..... 21 dec. 18	Va. 27 oct. 90	15 inf.
Story, Claude Hamer, 28 dec. 18		1 lt. d. c..... 28 dec. 18 accepted..... 31 dec. 18	N. Y. 24 sep. 77	1 f. h.
Johnson, Roland Rufus, 28 dec. 18		1 lt. m. c..... 28 dec. 18 accepted..... 2 jan. 18	Can. 29 oct. 81	15 inf.
Prensky, William Samuel, 28 dec. 18		1 lt. d. c..... 28 dec. 18 accepted..... 2 jan. 19	Russia. 14 apr. 82	1 f. h.
Johnson, Thomas Olin, 28 dec. 18	pvt. m. c. r. c., 20 june 18 hon. dis. . 27 july 18 1 lt. d. c. r. c., 27 july 18 hon. dis. . 5 dec. 18	1 lt. d. c..... 28 dec. 18 accepted..... 4 jan. 19	N. J. 9 july 93	15 art.
Gillett, Henry Webster, 28 dec. 18 hon. dis. 14 june 19		1 lt. d. c..... 28 dec. 18 accepted..... 3 jan. 19	N. H. 16 june 61	1 f. h.
Rosalsky, Henry William, 28 dec. 18 hon. dis. 13 nov. 19		1 lt. d. c..... 28 dec. 18 accepted..... 4 jan. 19	N. Y. 11 apr. 82	
Leggett, George H., 28 dec. 18		1 lt. d. c..... 28 dec. 18 accepted..... 9 jan. 19	N. Y. 17 jan. 70	1 f. h.
Blatt, William S., 6 jan. 19		1 lt. d. c..... 6 jan. 19 accepted..... 14 jan. 19	N. Y. 10 june 96	47 inf.

MEDICAL CORPS, NEW YORK GUARD—*Concluded*

Name, grade, date of rank and highest brevet rank	Service		Born	At- tached to
	In the armies of U. S. or foreign states	In the National Guard		
<i>First Lieutenants—Con- cluded</i>				
Gluck, Ernest, 13 jan. 19	.....	1 lt. d. c. 13 jan. 19 accepted. 17 jan. 19	Hung'y 23 aug. 83	1 f. h.
Brasill, George K., 27 jan. 19	m. d., n. a., 16 sep. 17 to 1 nov. 17 den. co. No. 1, 9 aug. 18 to 16 dec. 18	1 lt. d. c. 27 jan. 19 accepted. 3 feb. 19	Conn. 24 nov. 95	1 f. h.
Gerard, Irving V., 31 jan. 19	pvt. m. r., 21 june 18 1 lt. d. c. 31 jan. 19	1 lt. d. c. 11 dec. 19 accepted. 15 dec. 19	N. Y. 12 apr. 97	14 inf.
Gelson, James N., 11f eb. 19	.....	1 lt. d. c. 11 feb. 19 accepted. 17 feb. 19	N. Y. 7 june 84	1 f. h.
Husch, Sylvester B., 17 july 19	.....	pvt. h. c., 9 c. a. c. — feb. 18 1 lt. d. c. 6 nov. 18 accepted. 8 nov. 18 r. l. 13 feb. 19 1 lt. d. c. 17 july 19 accepted. 19 july 19	N. Y. 9 nov. 77	9 c. a. c.
Linn, Willia, 2 sep. 19	mustered into u. s. a. ser. 3 july 16 out 27 dec. 16	pvt. 2 amb. co. 11 feb. 18 1 lt. m. c. 6 apr. 16 accepted. 8 apr. 16 hon. dis. 17 may 17 r. l. 17 may 17 1 lt. m. c. 2 sep. 19 accepted. 6 sep. 19	N. Y. 18 aug. 87	2 amb. co.
VETERINARY CORPS				
<i>First Lieutenant</i>				
McAuslin, David, 8 july 19	1 lt. v. c. 10 dec. 17 hon. dis. 23 jan. 19	1 lt. v. c. 8 july 19 accepted. 17 july 19	Scot. 18 dec. 80	2 f. a.
<i>Second Lieutenant</i>				
Cattanach, James Shaw, 10 dec. 18	.....	2 lt. v. c. 10 dec. 18 accepted. 13 dec. 18	N. Y. 1 mar. 72	1 f. a.
CAMERA DETACHMENT				
<i>Captain</i>				
Elkan, Siegfried, 16 apr. 18	.....	pvt. 1 batty 21 sep. 01 corp. 21 may 02 1 lt. 5 jan. 06 cap. sig. corps 16 apr. 18 accepted. 18 apr. 18	Ger. 8 mar. 62	1 f. h.
<i>First Lieutenants</i>				
Friedgen, Charles, 16 apr. 18	.....	1 lt. sig. corps 16 apr. 18 accepted. 19 apr. 18	N. Y. 26 may 78	1 f. h.
Bickelhaupt, George, 10 may 18	.....	1 lt. sig. corps 10 may 18 accepted. 11 may 18	.....	1 f. a.

FIRST BATTALION, SIGNAL CORPS

COMPANY A
(First Brigade)*Armory, 104 East 34th Street, New York City*

Organized as a Depot Company, 1st Battalion Signal Corps, N. G., N. Y. June 29, 1916. Mustered into State service as such July 27, 1916. Mustered into New York Guard, November 20, 1917.

COMPANY B
(First Brigade)*Armory, 801 Dean Street, Brooklyn, N. Y.*

Organized as a Depot Company, 1st Battalion Signal Corps, N. G., N. Y. July 5, 1916. Mustered into State service as such August 2, 1916. Mustered into New York Guard, November 20, 1917.

Authorized to organize a new company, to be known as Company C, August 27, 1919. Attached to Division June 30, 1919.

The Battalion has received authority to place silver rings on the lances of its colors, engraved as follows: *On the National Color.*—Spanish-American War, 1898; Mexican Border, 1916; World War, 1917. *On the State Color.*—Buffalo, August, 1892; Brooklyn, January, 1895.

FIRST BATTALION, NEW YORK SIGNAL CORPS—NEW YORK GUARD

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Major</i> Fox, James Cairns, 13 mar. 15			pvt., pvt. 1 class, agt., agt. 1 class, 1 co. sig. corps.....15 oct. 08 to 20 June 11 1 lt. sig. corps.....20 June 11 cap.....13 mar. 15 r. l.....10 feb. 16 maj., depot bat. sig. corps, 1 bat.....20 July 17 maj., 1 bat. sig. corps.....20 oct. 17 accepted.....25 oct. 17 pvt. sig. corps.....5 oct. 05 1 cl. pvt.....22 apr. 07 corp.....28 June 09 m. s. c.....23 June 10 full and hon. dis.....26 sep. 14 enlisted tel. and tel. detachment, 1 bat. sig. corps.....28 sep. 14 1 cl. agt.....2 nov. 14 discharged.....14 Jan. 16 cap. depot sig. corps.....29 June 16 cap. 1 bat. sig. corps.....22 nov. 17 with rank from.....29 June 16 accepted.....26 nov. 17 pvt. 2 co. sig. corps.....29 apr. 03 1 cl. pvt.....14 June 04 corp.....19 Jan. 05 agt.....18 May 05 1 cl. agt.....26 Jan. 06 dis.....9 July 08 enl. in depot bat. sig. corps.....11 July 16 1 lt. depot bat. sig. corps.....20 July 17 1 lt. 1 bat. sig. corps, with o. r.....22 nov. 17 cap.....3 dec. 18 accepted.....10 dec. 18 pvt. 2 co. sig. corps.....6 June 04 1 cl. pvt.....17 May 06 corp.....15 feb. 07 agt.....27 sep. 11 dis.....23 feb. 15 enl. depot sig. corps.....7 aug. 16 1 lt. depot bat. sig. corps.....20 July 17 1 lt. 1 bat. sig. corps.....22 nov. 17 with rank from.....20 July 17 cap.....24 Jan. 19 accepted.....25 Jan. 19	N. Y. 25 Dec. 79
<i>Captains</i> Schmidt, Ernest E., 29 June 16 reserve list.... 7 aug. 19	A			N. Y. 4 July 80
Rogers, Charles E., Jr., 8 dec. 18 full and hon. dis., 14 Jan. 19	B			N. Y. 6 apr. 80
Esbach, Edward B., 24 Jan. 19	B			N. Y. 23 Feb. 82

FIRST BATTALION, NEW YORK SIGNAL CORPS—NEW YORK GUARD—*Concluded*

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Brokaw, De Witt Pierce, 15 aug. 19	A	.....	pvt. 1 co. sig. corps.. 1 mar. 06 1 cl. pvt. 4 june 09 corp. 28 june 09 sgt. 7 july 10 1 cl. sgt. 27 june 12 full and hon. dis. 18 feb. 15 1 lt. depot sig. corps. 29 june 16 1 lt. 22 nov. 17 with rank from 29 june 16 cap. 15 aug. 19 accepted. 19 aug. 19	N. J. 19 nov. 84
<i>First Lieutenants</i>				
Holmes, Francis L., 29 june 17	A	.....	pvt. 71 inf. 9 apr. 97 trans. to 1 sig. corps. — apr. 99 full and hon. dis. 25 apr. 02 1 lt. depot bat. sig. corps. 29 june 17 1 lt. 1 sig. corps. 22 nov. 17 with rank from 29 june 17 accepted. 26 nov. 17	N. Y. 17 aug. 75
Grassi, Otto J. A., 29 june 17	sup. co.	.....	pvt. 1 sig. corps. 18 june 03 full and hon. dis. 18 feb. 15 re-enlisted co. A, 1 bat. sig. corps. 19 feb. 15 full and hon. dis. 19 may 17 1 lt. co. A, depot bat. sig. corps. 29 june 17 1 lt. 1 bat. sig. corps. 22 nov. 17 with rank from 29 june 17 accepted. 28 nov. 17	Italy 21 nov. 78
Faber, John F., 20 july 17 f. and h. dis...12 july 19	adj.	.....	pvt. 1 cl. pvt., corp. 1 bat. sig. corps. 3 apr. 09 to 18 oct. 15 1 lt. depot sig. corps. 20 july 17 1 lt. 1 bat. sig. corps. 22 nov. 17 with rank from 20 july 17 accepted. 28 nov. 17	N. Y. 28 dec. 79
Crowell, William Ward, 3 jan. 18	B	.....	pvt. 2 co. sig. corps. 21 oct. 01 corp. 18 may 04 sgt. 6 feb. 05 sgt. 1 cl. 7 feb. 06 dis. 25 sep. 07 enl. depot co. B, 1 bat. N. Y. sig. corps N. G. 14 aug. 16 mustered in co. B, 1 sig. corps, N. Y. G. 20 nov. 17 1 lt. 3 jan. 18 accepted. 7 jan. 18	N. Y. 9 dec. 77
Claas, William H., 12 apr. 18	A	.....	pvt. co. A, 1 bat. sig. corps. 14 may 00 full and hon. dis. 22 may 05 re-enlisted, depot bat. sig. corps. 5 july 16 full dis. 31 oct. 17 re-enlisted, co. A, 1 bat. sig. corps, N. Y. G. 1 nov. 17 1 lt. 1 bat. sig. corps N. Y. G. 12 apr. 18 accepted. 18 apr. 18	N. Y. 19 july 78

TWENTY-SECOND ENGINEERS, N. Y. G.

216 Fort Washington Avenue, New York City

Organized as a Depot Battalion July, 1917. Increased to a regiment by S. O. 275, A. G. O., October 29, 1917.

Four companies, organized at Mt. Vernon as Home Defense units, were mustered into the New York Guard November 2, 1917, and by G. O. 58, A. G. O., November 22, 1917, were attached to this regiment as Companies I, K, L and M.

By S. O. 289, A. G. O., November 14, 1917, Companies G, Pearl River, and H, Haverstraw, were transferred to the 1st Infantry, N. Y. G.

Companies I, K, L and M, detached and assigned to 8th C. A. C., N. Y. G., March 13, 1918; S. O. 65, A. G. O., Machine Gun Company, designation changed to Company I, March 22, 1918, S. O. 72, A. G. O.

Mustered into the New York Guard on dates as follows: Headquarters Company, October 8, 1917; Company A, November 5, 1917; Company B, November 28, 1917; Company C, October 29, 1917; Company D, October 22, 1917; Companies E and G, December 3, 1917; Company F November 19, 1917; Company H, February 15, 1918; Company K, May 8, 1918; Company L, May 13, 1918; Company M, June 21, 1918; Machine Gun Company, June 28, 1918.

Detached from First Brigade and attached to Division, September 30, 1919. Reorganized, November 3, 1919 (G. O. 29, A. G. O.), as follows: Headquarters Company to be Headquarters Detachment; Supply Company detached, reorganized as Engineer Train; Machine Gun Company detached, reorganized as Motor Machine Gun Company; Companies A and G, to be Company A; Companies B and H, to be Company B; Companies C and I, to be Company C; Companies D and K, to be Company D; Companies E and L, to be Company E; Companies F and M, to be Company F.

The regiment has received authority to place silver rings on the lances of its colors engraved as follows:

On the *National Color*.—Harper's Ferry, 1862; Gettysburg Campaign, 1863; Sporting Hill, Pa., June 30, 1863; Carlisle, Pa., July 11, 1863; Spanish-American War, 1898; Mexican Border, 1916; World War, 1917.

On the *State Color*.—Draft riots, 1863; Orange riots, 1871; Buffalo, 1892; Brooklyn, 1895; Aqueduct, 1917.

TWENTY SECOND REGIMENT, ENGINEERS, NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Treadwell, Harry H., 2 nov. 17 reserve list.... 1 oct. 19	cap. and rgtl. adj. 22 rgt., N. Y. Vols., 9 may 98 to 23 nov. 98	pvt. co. B, 22 rgt.... 14 may 77 corp. 18 apr. 79 sgt. 12 dec. 81 1 sgt. 23 nov. 85 2 lt. 8 apr. 89 1 lt. 10 mar. 90 bat. adj. 25 may 93 lt. col. 24 jan. 99 a. d. c. to gov. 1 jan. 99 col. by brevet 23 oct. 02 retired. 6 oct. 05 assigned to duty with depot bat., 22 eng., 3 july 17 lt. col. 22 eng., N. Y. G. 5 sep. 17 col. 2 nov. 17 accepted. 7 nov. 17	N. Y. 6 apr. 56
Crimmins, Thomas, 7 oct. 19	mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 30 june 17 cap. 102 eng., 21 apr. 18 maj. 31 oct. 18 col. 19 feb. 19 hon. dis. 31 mar. 19	pvt. tr. 2, sq. A. 26 nov. dropped. 25 july 2 cl. pvt. co. G. 25 june 1 lt. c. of e. 2 july accepted. 2 july dft. 5 aug. 17 r. l. 7 may 19 to div. 14 july 19 col. c. of e. 7 oct. 19 accepted. 10 oct. 19	00N. Y. 076 jan. 16 80

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonel</i>				
Haubold, Rudolph Otto, 19 feb. 18 reserve list.... 11 oct. 19	cap. 22 rgt., N. Y. Vols. 9 may 98 to 21 oct. 98	pvt. co. H, 22 rgt. 5 apr. 89 qm. sgt. 17 feb. 90 returned to ranks. 8 may 91 tra. to co. B. 21 june 91 corp. 19 sep. 92 returned to ranks 20 feb. 93 corp. 21 aug. 93 hon. dis. 16 apr. 94 pvt. co. B, 22 rgt. 7 feb. 96 1 lt. 12 mar. 97 cap. 28 jan. 98 cap., as insp. of small arms practice. 21 june 01 with original rank. resigned, full and hon. dis. 16 nov. 05 r. l. 16 june 17 sup. officer 22 eng. 16 aug. 17 cap. 22 eng., N. Y. G. 5 sep. 17 maj. 14 nov. 17 lt. col. 19 feb. 18 accepted. 19 feb. 18	N. Y. 13 jan. 70
Snyder, George D., 11 oct. 19 certified for com. as cap. inf. 19 july 06 as maj., inf. and eng., 13 apr. 06	2 lt. 12 Pa. vol. inf. 26 apr. 98 mustered in, 12 may 98 asst. to chief eng., 2 army corps, 29 may 98 relieved. 12 oct. 98 mustered out, 29 oct. 98 mustered into u. s. dft. 7 july 16 ser. out 14 jan. 17 into 20 july 17 maj., 102 eng., 19 feb. 19 hon. dis. ... 8 apr. 19	pvt. corp., sgt., co. D, 12 Pa. inf. 5 jan. 94 to 7 may 98 2 lt. 7 may 98 cap. 11 dec. 99 resigned. 27 dec. 01 2 lt. r. l. 15 oct. 15 1 lt. c. of e. 21 dec. 15 cap. 12 sep. 16 accepted. 19 sep. 16 r. l. 5 aug. 17 lt. col. c. of e. 11 oct. 19 accepted. 11 oct. 19	Pa. 25 sep. 66
<i>Majors</i>				
Mahon, George Francis, 26 oct. 17 reserve list.... 23 oct. 19	corp. co. C, 22 rgt., N. Y. Vols., 9 may 98 agt. 31 may 98 to 23 nov. 98	pvt. co. C, 22 rgt. 2 sep. 93 corp. 13 sep. 97 sgt. 27 feb. 99 1 sgt. 27 mar. 99 2 lt. 20 nov. 03 cap. 1 feb. 04 full and hon. dis. 12 jan. 06 r. l. 2 july 17 cap. 22 eng., N. Y. G. 6 aug. 17 maj. 26 oct. 17 accepted. 26 oct. 17	N. Y. 2 sep. 75
Du Bois, Charles A., 18 mar. 18 reserve list.... 23 oct. 19		pvt. 22 eng. 28 june 82 qm. sgt., rgt. 8 june 85 2 lt. 12 oct. 85 cap. 10 feb. 88 supn. 30 oct. 90 r. l. 7 apr. 14 cap. 22 eng. 5 sep. 17 accepted. 18 mar. 18 with rank from. 11 aug. 17 maj' c. of e. 18 mar. 18 accepted. 18 mar. 18	N. Y. 3 july 61

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors—Continued</i>				
Mansfield, John Collison, 18 nov. 18		pvt. co. A, 22 N. Y. inf. 9 may 98 to 23 nov. 98	pvt. co. A, 22 inf. 12 apr. 97 corp. 27 nov. 99 qm. sgt. 19 mar. 00 1 sgt. 1 dec. 02 2 lt. (A), 22 eng. 30 nov. 04 1 lt. 29 jan. 06 1 lt. c. of e. 23 jan. 08 with rank from. 29 jan. 06 cap. 13 oct. 14 r. l. 23 dec. 14 cap. depot bat. c. of eng. 6 july 16 cap. 22 eng. 5 sep. 17 maj. 18 nov. 18 accepted. 18 nov. 18	N. Y. 17 sep. 76
Johnson, George Howard, 30 july 18		pvt. co. H, 22 N. Y. inf. 24 may 98 to 23 nov. 98 mustered into u. s. ser. 7 july 16 out 14 jan. 17 into 20 july 17 maj. c. of e. 30 july 18 hon. dis. ... 1 feb. 19	pvt., corp., sgt., co. H, 22 inf. 22 sep. 97 to 1 feb. 06 2 lt. 22 eng. 1 feb. 06 1 lt. 26 june 07 cap. i. s. a. p. 22 eng. 25 nov. 07 supn., reassigned. 21 jan. 08 cap. c. of e. 5 feb. 08 r. l. 23 dec. 14 cap. 22 jan. 15 accepted. 27 jan. 15 dft. 5 aug. 17 r. l. 10 may 19 maj. c. of e. 22 oct. 19 accepted. 24 oct. 19	Swed. 10 dec. 77
Robinson, Ernest Frank- lin, 30 july 18		mustered into u. s. ser. 4 july 16 out 14 jan. 17 into 15 july 17 maj. 30 july 18 hon. dis. ... 15 apr. 19	pvt., pvt. 1 class, co. F, 22 regt. c. of e. 11 apr. 10 to 22 july 10 2 lt. c. of e. 22 july 10 with rank from. 15 july 10 1 lt. 23 dec. 10 cap. 2 aug. 11 r. l. 23 dec. 14 cap. 22 jan. 15 accepted. 25 jan. 15 dft. 5 aug. 17 r. l. 22 oct. 19 maj. c. of e. 22 oct. 19 accepted. 29 oct. 19	Iowa. 23 jun. 82
<i>Captains</i>				
Hearn, George Henry, 21 july 16	C		pvt. co. H, 22 inf. 13 jan. 87 dropped 23 mar. 91 taken up. 24 may 97 trs. co. C 21 june 97 corp. 30 oct. 99 sgt. 20 may 01 1 sgt. 8 feb. 04 2 lt. (C), 22 eng. 2 mar. 05 1 lt. c. of e. 6 apr. 08 with rank from. 30 mar. 08 cap. 11 may 09 with rank from. 4 may 09 r. l. 23 dec. 14 cap. 22 eng. 5 sep. 17 with rank from. 21 july 16 accepted. 14 sep. 17	N. Y. 3 dec. 83

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Stockwell, Norris Parmly, 11 July 17 Graduate N. Y. School of the line, 1915.	E	mustered into u. s. ser. 7 July 16 out 14 Jan. 17 into 27 July 17 att. to 162 d. b., 13 Apr. 19 hon. dis. ... 30 Apr. 19	pvt., corp., co. M, 5 Ohio N. G. 13 Dec. 94 dis. removal. 2 Aug. 97 pvt., corp., sgt., 1 sgt., co. K, 22 c. of e. 1 Mar. 04 to 10 June 14 2 lt. c. of e. 10 June 14 r. l. 23 Dec. 14 2 lt. 22 Jan. 15 1 lt. 22 June 15 cap. 11 July 17 accepted. 16 July 17 dft. 5 Aug. 17 r. l. 4 Aug. 19 cap. c. of e. 30 Oct. 19 accepted. 3 Nov. 19	Eng. 2 Jul. 78
Wolff, Daniel, 11 Aug. 17 reserve list. 17 Nov. 19	B	Pvt. co. B, 22 rgt. N. Y. Vols., 9 May 98 corp. 30 June 98 to 23 Nov. 98	Pvt. co. B, 22 rgt. 5 May 85 hon. dis. 19 May 90 re-enlisted. 7 Mar. 98 corp. 17 Apr. 99 sgt. 21 Oct. 01 2 lt. 16 May 02 1 lt. 15 Dec. 02 cap. 6 Feb. 05 cap. 23 Jan. 08 rank. 6 Feb. 05 full and hon. dis. 16 Aug. 09 cap. r. l. 13 Sep. 15 det. to duty at Camp Whitman. 19 July 16 recruiting officer. 7 Aug. 16 cap. 22 eng. 5 Sep. 17 with rank from. 11 Aug. 17 accepted. 15 Sep. 17	Danah W. L. 29 Aug. 65
Taylor, Frederick A., 22 Nov. 17 reserve list. 17 Nov. 19	sup. co.		cap. 22 eng. 22 Nov. 17 accepted. 26 Nov. 17	N. Y. 68
Gates, Milo Hudson, 23 Nov. 17	chap- lain		chaplain 8 Mass. m. v. m. 99 to 04 cap. chaplain, 22 eng. 23 Nov. 17 accepted. 30 Nov. 17	Mass. 29 June 64
Schaefer, Robert G., 28 Feb. 18 reserve list. 17 Nov. 19	G		pvt. 22 eng. 28 Mar. 03 corp. 11 June 06 sgt. 27 May 07 2 lt. 4 May 14 r. l. 23 Dec. 14 det. to active duty with depot bat., c. of e. 5 July 16 2 lt. 22 eng. 20 Oct. 17 1 lt. 4 Dec. 17 cap. 28 Feb. 18 accepted. 2 Mar. 18	Germ'y 9 June 75
Dalsell, Hugh, 26 Mar. 18 reserve list. 11 Oct. 19	adj.		pvt. co. E, 7 inf. 30 Aug. 89 corp. 17 Apr. 91 sgt. 28 Nov. 93 1 sgt. 10 Jan. 99 2 lt. 7 inf. 22 Apr. 00 1 lt. 4 Oct. 00 f. and h. dis. 18 Nov. 05 cap. 22 eng. 26 Mar. 18 accepted. 28 Mar. 18	Ire. 14 July 66

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Sheldon, Rowland C., 8 apr. 18 reserve list....21 dec. 18	I	.....	2 lt. 11 dec. 17 1 lt. 5 mar. 18 cap. 8 apr. 18 accepted. 11 apr. 18	N. J. 24 June 76
Bowman, William Law, 10 apr. 18	D	pvt. 1 corps of cadets, Mass. V. M., 1904 hon. dis. . . . 10 July 07	cap. 22 eng. N. Y. G. 10 apr. 18 accepted. 11 apr. 18	Pa. 28 July 81
Parker, Morris Ketchum, 10 may 18 reserve list....17 nov. 19	D	.....	pvt. tr. I, sq. A. cav., N. G. 28 apr. 09 dropped. 6 oct. 11 pvt. tr. A, sq. A. cav., N. Y. G. 25 July 17 hon. dis. 7 mar. 18 1 lt. 22 eng. N. Y. G. 26 Jan. 18 cap. 10 may 18 accepted. 11 may 18	Conn. 24 aug. 78
Morrison, Thomas John, 4 sep. 18 reserve list....24 oct. 19	i.s.a.p.	.....	pvt. co. F, 22 regt. eng., N. Y. G. 2 jan. 18 1 lt. 22 eng., N. Y. G. 9 apr. 18 cap. 4 sep. 18 accepted. 16 sep. 18	Ire. 11 July 69
Seaver, William Parker, 26 sep. 18 reserve list....17 nov. 19	H	pvt. color Sgt. lt., 5 Mass. Inf.	2 lt. 22 eng., N. Y. G. 27 mar. 18 1 lt. 27 July 18 cap. 26 sep. 18 accepted. 30 sep. 18	Mass. 6 aug. 82
Brown, Walter Francis A., 27 nov. 18 reserve list....17 nov. 19	E	u. s. cav., sep. 8, 1902, for 3 yrs.	2 lt. 22 eng., N. Y. G. 15 July 18 1 lt. 26 sep. 18 cap. 27 nov. 18 accepted. 6 dec. 18	N. Y. 10 July 85
Berning, Henry Rudolph, 4 dec. 18 reserve list....17 nov. 19	A	.....	pvt. co. E. 26 nov. 06 1 cl. pvt. 24 may 09 corp. 12 may 12 2 lt. 2 apr. 14 r. i. 28 dec. 14 det. to duty with depot bat., 22 eng. 26 July 16 1 lt. 22 eng. 20 oct. 17 cap. 15 nov. 17 f. and h. dis. 13 sep. 18 cap. 4 dec. 18 accepted. 6 dec. 18	N. Y. 18 aug. 88
Guilfoyle, Joseph V., 18 Jan. 19 reserve list....17 nov. 19	L	pvt. co. B, Col. N. G., 10 Jan. 10 sgt. 10 July 10 hon. dis. ... 6 mar. 11 C. O. T. C. camp Lee, Va. 8 sep. 18 hon. dis. ... 1 nov. 18	pvt. co. B, 22 eng. 29 apr. 18 sgt. 1 may 18 hon. dis. 1 July 18 2 lt. 22 eng. 14 oct. 18 1 lt. 16 nov. 18 cap. 13 Jan. 19 accepted. 20 Jan. 19	Col. 22 sep. 86

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Tough, Charles Carson, 19 feb. 19 reserve list.. 17 nov.. 19	F	.....	pvt. 23 sep. co. N. G. N. Y. 14 oct. 86 corp. 23 dec. 89 full and hon. dis. 23 jan. 92 pvt. co. I, 23 regt., N. G. N. Y. 25 jan. 92 full and hon. dis. 8 june 99 pvt. co. F, 22 eng., N. Y. G. 16 nov. 17 1 sgt. 25 mar. 18 2 lt. 22 eng., N. Y. G. 11 oct. 18 1 lt. 3 dec. 18 cap. 19 feb. 19 accepted. 24 feb. 19	N. Y. 11 feb. 69
Crewe, Rexford, 11 oct. 19	adjt.	mustered into u. s. ser. 4 apr. 17 1 lt. 102 eng., 17 sep. 18 hon. dis. ... 3 apr. 19	pvt. 19 feb. 15 corp. 19 june 16 2 lt. 71 inf. 4 apr. 17 accepted. 7 apr. 17 dft. 5 aug. 17 r. l. 20 may 19 cap. c. of e. 11 oct. 19 accepted. 11 oct. 19	Ark. 6 july 92
Gray, Maxwell Henderson, 30 oct. 19	B	mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 102 eng., 15 july 17 hon. dis. ... 14 june 19	pvt., 1 class pvt., corp., co. D, 22 engs. 5 may 14 to 30 june 15 2 lt. 30 june 15 1 lt. 27 june 16 accepted. 27 june 16 dft. 5 aug. 17 cap. c. of e. 30 oct. 19 accepted. 31 oct. 19 pvt. co. B, 22 eng. 16 aug. 15 1 cl. pvt. hon. dis. 13 aug. 17	Ga. 8 dec. 87
Rees, Herbert Earl, 30 oct. 19	A	mustered into u. s. ser. 30 june 17 1 lt. 1 oct. 17 hon. dis. ... 30 apr. 19	2 lt. 22 eng. 3 aug. 17 accepted. 4 aug. 17 dft. 5 aug. 17 r. l. 5 may 19 cap. c. of e. 30 oct. 19 accepted. 3 nov. 19	N. Y. 10 july 90
Mellen, Henry Luther, 30 oct. 19	B	mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 20 july 17 102 eng. hon. dis. ... 4 june 19	pvt., 1 class pvt., corp., co. D, c. of e. 9 may 14 to 30 june 15 2 lt. 30 june 15 1 lt. 28 june 16 accepted. 28 june 16 dft. 5 aug. 17 r. l. 20 oct. 19 cap. c. of e. 30 oct. 19 accepted. 10 nov. 19	Vt. 4 jan. 89
First Lieutenants				
Fagan, Edward J. D., 7 oct. 17	.....	mustered into u. s. ser. 7 july 16 out 4 jan. 17 into 20 july 17 1 lt. 102 eng., 7 oct. 17 hon. dis. ... 3 apr. 19	pvt. co. G, 22 eng. 27 oct. 02 g. m. s. 11 nov. 07 full and hon. dis. 22 mar. 15 re-enlisted and war- rant continued. 1 sgt. 4 feb. 15 master eng., i. g. 1 sep. 16 dft. 5 aug. 17 r. l. 10 dec. 19 1 lt. 22 eng. 30 dec. 19 accepted. 5 jan. 20	..... 7 oct. 80

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
First Lieutenants — Continued				
Roberts, William, 18 oct. 17 reserve list.... 26 nov. 19	B	1 sgt. co. B, 22 rgt., N. Y. Vols., 11 may 98 returned to ranks, 8 sep. 98 mustered out, 23 nov. 98	pvt. co. H, 22 rgt. 18 sep. 88 corp. 15 may 91 trs. to co. B. 29 june 91 corp. 10 june 93 sgt. 12 aug. 93 1 sgt. 17 may 98 hon. dis. 6 mar. 99 pvt. co. B, 22 rgt. 19 mar. 00 corp. 27 jan. 02 sgt. 26 may 02 1 sgt. 3 june 07 2 lt. c. of e. 27 jan. 09 with rank from. 18 jan. 09 1 lt. 12 nov. 09 with rank from. 3 nov. 09 2 lt. 7 mar. 13 r. l. 23 dec. 14 1 lt. 22 eng. 18 oct. 17 accepted. 22 oct. 17	N. Y. 12 nov. 68
Happener, William Van S., 23 nov. 17	asst. i. s. a. p.	.....	pvt. 22 regt. eng. 21 dec. 03 full and hon. dis. 29 mar. 09 pvt. 22 eng. 10 sep. 17 regtl. sgt. maj. 10 nov. 17 1 lt. 23 nov. 17 accepted. 30 nov. 17	N. Y. 2 sep. 78
Vollmer, William H., 27 nov. 17	A	mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 30 june 17 1 lt. inf. 27 nov. 17 1 lt., air service, 6 feb. 18 hon. dis. 18 mar. 19	pvt. co. A, 22 eng. 27 june 16 dft. 5 aug. 17 r. l. 14 may 19 1 lt. 22 eng. 11 dec. 19 accepted. 12 dec. 19	N. Y. 14 sep. 91
Peoples, John Carleton, 8 jan. 18 reserve list.... 17 dec. 19	G	.....	2 lt. 11 dec. 17 1 lt. 8 jan. 18 accepted. 10 jan. 18	Mass. 28 sep. 74
Brown, Le Roy T., 8 apr. 18 reserve list.... 11 nov. 19	bat. adj.	.....	pvt. co. F, 23 inf. 28 june 09 full and hon. dis. 23 nov. 14 pvt. co. D. 1 nov. 17 bat. sgt. maj. 23 inf. 5 nov. 17 1 lt. 22 eng. 8 apr. 18 accepted. 9 apr. 18	L. I. 1 feb. 92
Fielding, Warren Chen- nells, 20 may 18 reserve list.... 14 nov. 19	K	.....	pvt. co. F, 22 regt. eng. N. Y. G. 12 nov. 17 corp. 15 feb. 18 2 lt. 22 eng., N. Y. G. 10 apr. 18 1 lt. 22 eng., N. Y. G. 20 may 18 accepted. 23 may 18	N. Y. 22 jan. 86
Bierbauer, Charles A., 3 july 18 reserve list.... 19 nov. 19	bat. adj.	.....	pvt. co. G, 22 eng. 19 nov. 17 sgt. 3 dec. 17 2 lt. 22 eng. 18 jan. 18 1 lt. 3 july 18 accepted. 5 july 18	N. Y. 25 sep. 87

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Continued</i>				
Gibbs, Albert W., 23 aug. 18	D	mustered into u. s. ser. 7 July 16 out 4 Jan. 17 into 20 July 17 2 lt. 102 eng. 4 Dec. 17 1 lt. 23 Aug. 18 hon. dis. ... 3 Apr. 19	pvt. co. H, 22 eng. ... 11 mar. 07 dropped. 9 aug. 09 taken up. 18 Apr. 10 corp. 11 July 10 sgt. 5 Nov. 14 full and. hon. dis. 17 May 15 re-enlisted and warrant con. 16 sgt. 1 cl. 22 Sep. 16 dft. 5 Aug. 17 r. l. 17 Oct. 19 1 lt. c. of e. 22 Oct. 19 accepted. 28 Oct. 19	N. Y. 23 Sep. 83
Liebert, Frederick Washington, 26 Aug. 18 reserve list. 26 Nov. 19	A		pvt. co. F, 22 eng., N. Y. G. 14 Nov. 17 corp. 18 Mar. 18 sgt. 1 Apr. 18 2 lt. 22 eng., N. Y. G. 20 May 18 1 lt. 26 Aug. 18 accepted. 31 Aug. 18	N. Y. 22 Feb. 85
Herbert, Victor, 30 Aug. 18 reserve list. 17 Oct. 19	band leader		bandmaster, 22 eng. 1 Jan. 94 full and hon. dis. 28 May 00 1 lt., b. l. 22 eng. 30 Aug. 18 accepted. 13 Sep. 18	Ire.
Schuyler, Robert Livingston, 19 Oct. 18 reserve list. 14 Nov. 19	C		pvt. co. C, 22 eng., N. Y. G. 14 Sep. 17 sgt. 26 Apr. 18 1 lt. 22 eng., N. Y. G. 19 Oct. 18 accepted. 25 Oct. 18	N. Y. 26 Feb. 83
Onken, John H., 25 Nov. 18	D		pvt. co. B, 22 eng. 15 Sep. 13 corp. 5 Nov. 18 sgt. June 15 trans. to depot bat. July 16 to co. D, 22 eng. 8 Oct. 17 1 sg. 12 Nov. 17 1 lt. 22 eng. 25 Nov. 18 accepted. 29 Nov. 18	N. Y. 29 Sep. 80
Hines, William Andrew, 14 Dec. 18 reserve list. 26 Nov. 19	E		pvt. co. F, 22 eng., N. Y. G. 12 Nov. 17 2 lt. 5 Nov. 18 1 lt. 18 Sep. 18 hon. dis. 7 Nov. 18 1 lt. 22 eng. 4 Dec. 18 accepted. 9 Dec. 18	12 Nov. 74
Locke, Justus Vinton, 12 Mar. 19	F		pvt. co. F, 7 regt., N. Y. G. 19 Nov. 88 dropped for removal. 2 Jan. 96 pvt. co. F, 22 eng., N. Y. G. 12 Nov. 17 sgt. 15 Feb. 18 1 sg. 21 Oct. 18 2 lt. 22 eng., N. Y. G. 4 Dec. 18 1 lt. 12 Mar. 19 accepted. 17 Mar. 19	Mass. 2 Mar. 64
Muchenfuss, Lee Palser, 28 Mar. 19 reserve list. 13 Nov. 19	bat. adj.		pvt. co. G, 22 eng., N. Y. G. 26 Nov. 17 corp. 29 Dec. 17 sgt. 11 Apr. 18 2 lt. 22 eng., N. Y. G. 2 Aug. 18 1 lt. 28 Mar. 19	Mo. 5 Mar. 89

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Continued</i>				
Sackett, Leslie Augustus, 26 june 19	H	.....	pvt. co. K, 22 eng., N. G. N. Y. 2 nov. 03 corp. 24 oct. 04 sgt. 29 apr. 07 hon. dis. 17 may 09 pvt. co. H, 22 eng., N. Y. G. 13 feb. 18 sup. sgt. 19 feb. 18 2 lt. 19 oct. 18 1 lt. 26 june 19 accepted. 30 june 19	N. Y. 14 feb. 79
Goodwin, Richard V., 27 june 19	D	mustered into u. s. ser. 27 june 16 out 6 oct. 16 into 30 mar. 17 hon. dis. 12 june 17	pvt. co. K, 71 inf., N. Y. N. G. 7 mar. 16 corp. 25 mar. 17 hon. dis. 12 june 17 pvt. co. L, 22 eng., N. Y. G. 26 aug. 18 sgt. 16 oct. 18 2 lt. 22 eng., N. Y. G. 16 nov. 18 1 lt. 27 june 19 accepted. 30 june 19	N. Y. 20 nov. 93
McCready, Donald M., 28 june 19	F	.....	2 lt. 22 eng. 13 jan. 19 1 lt. 28 june 19 accepted. 30 june 19	N. Y. 14 july 87
Ballard, Charles A., Jr., 26 nov. 19	A	mustered into u. s. ser. 4 july 16 out 30 oct. 16 into 30 july 17 hon. dis. — feb. 19	pvt. co. A, 22 eng. 15 may 16 corp. 22 june 17 dft. 5 aug. 17 1 lt. 22 eng. 26 nov. 19 accepted. 5 dec. 19	Mass. 10 apr. 96
Fogarty, James P., 30 dec. 19	E	U. S. navy. 6 jan. 06 to 5 jan. 12 mustered into u. s. ser. 7 july 16 out 4 jan. 17 into 7 july 17 2 lt. 102 eng., 3 dec. 17 to 1 eng. — sep. 18 hon. dis. 29 july 19	pvt. co. G, 22 eng. 23 june 16 trans. to co. D. 2 sep. 16 master eng., j. g. 1 sep. 16 dft. 5 aug. 17 2 lt. 22 eng. 11 nov. 19 1 lt. 30 dec. 19 accepted. 5 jan. 20	N. Y. 6 may 90
<i>Second Lieutenants</i>				
Davis, Albert E., 8 nov. 17	D	.....	2 lt. 8 nov. 17 accepted. 12 nov. 17	.....
Bandler, Harvey S., 5 june 18 reserve list. 11 nov. 19	B	.....	pvt. co. 6, 9 c. a. e., N. Y. G. — oct. 17 trans. co. D, 22 eng., N. Y. G. 26 nov. 17 regt. sgt. maj. 3 dec. 17 2 lt. 22 eng. N. Y. G. 5 june 18 accepted. 7 june 18	N. Y. 22 mar. 73
Wallau, Alexander Lee, 18 sep. 18 reserve list. 7 nov. 19	C	.....	pvt. co. G, 71 inf. N. Y. G. — july 18 corp. — aug. 18 2 lt. 22 eng., N. Y. G. 18 sep. 18 accepted. 23 sep. 18	N. Y. 13 aug. 85

TWENTY-SECOND REGIMENT ENGINEERS, NEW YORK GUARD— (Concluded)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Con- cluded</i>				
Donnatin, Louis Nicholas, 18 sep. 18 reserve list.... 14 nov. 19	I	.....	pvt. co. I, 22 eng., N Y. G. 25 feb. 18 1 sgt. 26 apr. 18 22 eng., N. Y. G. 16 sep. 18 accepted 23 sep. 18	N. Y. 5 jan. 68
Denison, Charles F., 1 nov. 18 reserve list.... 11 nov. 19	.....	.....	pvt. co. K, 22 regt., N. G. N. Y. 29 jan. 00 corp. 24 oct. 04 full and hon. dis. 15 may 08 pvt. co. E, 22 eng., N. Y. G. 1 oct. 17 2 lt. 22 eng., N. Y. G. 1 nov. 18 accepted 4 nov. 18	N. Y. 1 dec. 84
Bishop, Mortimer, 19 feb. 19 reserve list.... 14 nov. 19	K	.....	pvt. co. F, 22 eng. 12 nov. 17 sgt. maj. 2 jan. 18 2 lt. 22 eng. 19 feb. 19 accepted 22 feb. 19	.....
Anderson, Charles G., 28 mar. 19	G	.....	pvt. co. B, 10 bat. 14 apr. 98 to 110 bat. 31 may 98 to co. B, 10 bat. 23 feb. 99 dropped. 28 apr. 99 pvt. co. G, 22 eng. 26 nov. 17 sgt. 29 dec. 17 1 sgt. 16 sep. 18 2 lt. 22 eng. 28 mar. 19 accepted 31 mar. 19	Mich. 27 jan. 77
Hagan, Walter F., 13 june 19 reserve list.... 22 nov. 19	F	mustered into u. s. ser. 22 july 17 to 106 m. g. bat.; to to 102 am. tr.; hon. dis. 4 apr. 19	pvt. tr. E, 1 cav. 4 aug. 17 dft. 5 aug. 17 to 2 lt. 22 eng. 13 june 19 accepted 16 june 19 aide to gov. 18 june 19	N. Y. 5 june
Baxter, Robert L., 26 june 19 reserve list.... 14 nov. 19	A	.....	pvt. co. A, 22 eng. 29 oct. 17 corp. 26 dec. 17 sgt. 22 sep. 18 2 lt. 22 eng. 26 june 19 accepted 28 june 19	Can. 1 oct. 87

DIVISION ENGINEER TRAIN, NEW YORK GUARD

Organised from Supply Company, 22d Engineers, New York Guard, November 3, 1919, (G. O. 29). Headquarters and Supply Section only.

Name, grade, date of rank and highest brevet rank	Service		Born
	In the armies of U. S. or foreign states	In the National Guard	
<i>Captains</i>			
Burns, Peter F., 14 nov. 18	sgt. co. G, 22 eng., N. Y. V. 9 may 98 1 sgt. 27 aug. 98 hon. dis. 23 nov. 98 mustered into u. s. ser. 20 july 17 cap. 102 eng. 14 nov. 18 hon. dis. 3 apr. 19	pvt. co. G, 22 eng. 29 jan. 92 corp. 23 oct. 93 sgt. 16 apr. 94 1 sgt. 1 may 99 full and hon. dis. 6 oct. 99 re-enlisted. 5 feb. 00 sgt. 17 mar. 02 hon. dis. 17 mar. 05 2 lt. c. of e. 11 mar. 08 accepted. 23 mar. 08 r. l. 23 dec. 14 2 lt. c. of e. 22 jan. 15 1 lt. 25 may 15 cap. 26 june 16 accepted. 26 june 16 r. l. 2 apr. 17 cap. qm. c. 10 may 17 1 lt. 22 eng. 17 july 17 accepted. 18 july 17 dft. 5 aug. 17 r. l. 2 june 19 cap. c. of e. 30 oct. 19 accepted. 31 oct. 19 trs. to eng. tr. 30 dec. 19	N. J. 20 nov 69
Fearing, Charles Parkman, 26 sep. 18		pvt. co. C, 22 eng., N. Y. G. 26 oct. 17 sup. sgt., co. E, 22 eng., N. Y. G. 3 dec. 17 battn. sup. sgt. 15 apr. 18 1 lt. 22 eng., N. Y. G. 26 sep. 18 accepted. 30 sep. 18 trs. to eng. tr. 3 nov. 19	N. Y. 19 feb. 88

FIRST MACHINE GUN BATTALION, NEW YORK GUARD

Organized November 3, 1919 (G. O. 29, A. G. O.), to consist of two companies.
 Company A.—First Motor Machine Gun Company, formerly Motor Machine Gun Battery,
 1st Field Artillery, N. Y. G. (mustered in July 29, 1918).
 Company B.—Machine Gun Company, detached from 22d Engineers, N. Y. G. (mustered in
 June 28, 1918).

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains</i>				
Bell, Oliver Lee, 2 aug. 18	B	navy, mar. 1891, 3 cl. app., dis. abt. 2 yrs. later; 6 yrs. 1 regt. D. C. N. G.; Span. Am. war at Santi- ago with 1 regt. D. C. vols.	pvt. co. L, 7 regt. 14 nov. 17 tra. co. F, 22 eng. 18 feb. 18 re-enlisted 19 nov. 17 1 lt. co. F, 22 eng., N. Y. G. 20 mar. 18 cap. 22 eng., N. Y. G. 2 aug. 18 accepted 12 aug. 18 tra. to 1 m. g. btn. 3 nov. 19	Md. 16 dec. 77
Knickerbocker, Reginald C., 26 sep. 18	A	.....	seaman, 2 div., 1 btn., n. m. 29 sep. 03 to 24 oct. 10 2 lt. 9 c. a. c. 20 may 18 cap. 1 f. a. 26 sep. 18 tra. to m. m. g. co. 23 may 19 tra. to 1 m. g. btn. 3 nov. 19	Mass. 20 mar. 83
<i>First Lieutenants</i>				
Douglas, Bernard M., 19 oct. 18	B	.....	pvt. co. F, 22 eng., N. Y. G. nov. — 17 1 agt. m. g. co. — june 18 2 lt. 22 eng., N. Y. G. 28 aug. 18 1 lt. 19 oct. 18 accepted 25 oct. 18 tra. to 1 m. g. btn. 3 nov. 19	Va. 3 sep. 67
Harris, William C., 24 jan. 19	A	.....	seaman, 2 div., 1 btn., n. m. 10 may 04 to 10 may 09 14 nov. 17 pvt. 7 inf. 14 nov. 17 corp. 1 lt. 1 f. a. 24 jan. 19 accepted 24 jan. 19 tra. to m. m. g. co. 23 may 19 tra. to 1 m. g. btn. 3 nov. 19	N. Y. 25 june 83
Moon, George T., Jr. 28 mar. 19	A	.....	pvt. 2 co. 9 c. a. c. 8 oct. 17 corp. 21 nov. 17 agt. 1 apr. 18 bat. agt. maj. 16 july 18 trans. to 2 co. 7 oct. 18 agt. 7 oct. 18 2 lt. 1 f. a. 4 dec. 18 1 lt. 28 mar. 19 accepted 29 mar. 19 trans. to m. m. g. co. 23 may 19 trans. to 1 m. g. bat. 3 nov. 19	N. Y. 25 jan. 83
<i>Second Lieutenants</i>				
Singer, Sidney Kent, 8 nov. 18	B	.....	pvt. co. F, 23 inf., N. Y. G. 14 nov. 17 trans. 22 eng., N. Y. G. 12 aug. 18 agt., 1 agt. 6 sep. 18 2 lt. 22 eng., N. Y. G. 8 nov. 18 accepted 9 nov. 18 trans. to 1 m. g. bat. 3 nov. 19	Ill. 1 feb. 77

FIRST MACHINE GUN BATTALION, NEW YORK GUARD — (Concluded)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Con- cluded</i>				
Traconos, Demos, 18 July 18 reserve list... 6 June 19	A	.....	2 lt. 1 f. a., N. Y. G. 18 July 18 accepted..... 29 July 18 to m. m. g. co..... 23 May 19	Greece 9 Sep. 81
Jones, William Willets, 8 Nov. 18	B	.....	pvt. m. g. co. 22 eng., N. Y. G..... 28 June 18 sup. sgt..... 27 July 18 2 lt. 23 eng., N. Y. G. 8 Nov. 18 accepted..... 9 Nov. 18 trans. to 1 m. g. bat.. 3 Nov. 19	Pa. 26 Sep. 69
Snyder, Louis A., 24 Feb. 19	A	.....	pvt. m. g. co. 9 e. a. c. 8 Apr. 18 2 lt. 1 f. a..... 24 Feb. 19 accepted..... 30 Apr. 19 trans. to m. m. g. co. 23 May 19 trans. to 1 m. g. bat.. 3 Nov. 19	Ohio 1 May 94

FIRST CAVALRY, NEW YORK GUARD

Headquarters, 1322 Bedford Avenue, Brooklyn

The First Cavalry was organized May 22, 1919, in accordance with G. O. 13, A. G. O., from Squadrons B, C and D, and attached to Division.

Station	Old designation	New designation
Brooklyn.....	Troop A, Squadron C.....	Troop A, 1st Cavalry
Albany.....	Troop B, Squadron D.....	Troop B, 1st Cavalry
Brooklyn.....	Troop C, Squadron C.....	Troop C, 1st Cavalry
Syracuse.....	Troop D, Squadron B.....	Troop D, 1st Cavalry
Brooklyn.....	Troop E, Squadron C.....	Troop E, 1st Cavalry
West New Brighton.....	Troop F, Squadron C.....	Troop F, 1st Cavalry
Utica.....	Troop G, Squadron D.....	Troop G, 1st Cavalry
Rochester.....	Troop H, Squadron B.....	Troop H, 1st Cavalry
Buffalo.....	Troop I, Squadron B.....	Troop I, 1st Cavalry
Huntington.....	Troop K, Squadron C.....	Troop K, 1st Cavalry
Brooklyn.....	Troop B, Squadron C.....	Troop L, 1st Cavalry
Avon.....	Troop M, Squadron B.....	Troop M, 1st Cavalry

May 22, 1919, authorized to organize Machine Gun Troop (G. O. 13, A. G. O.), with station at 426 Humboldt Parkway, Buffalo (G. O. 28, A. G. O.).

June 13, 1919, by Special Orders No. 132, A. G. O., Troop C was redesignated Troop L; Troop L was redesignated Troop C.

October 30, 1919, station of Troop K changed from Huntington to Brooklyn (G. O. 28, A. G. O.).

November 21, 1919, station of Troop M changed from Avon to Genesee (G. O. 31, A. G. O.).

Federal recognition as National Guard was extended as follows: Troop C, June 30, 1919; Troop F, June 28, 1919; Troop H, November 24, 1919; Troop I, December 19, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Spanish-American War, 1898; Porto Rico, 1898; Coamo, August 9, 1898; Asomanta, August 9 to 12, 1898; Mexican Border, 1916; World War, 1917.

On the State Color.—Croton Dam, April, 1900; Coeymans, May, 1906.

SQUADRON B

Organized as Depot Units and mustered into State service as follows: Troop H, Rochester, August 8, 1917; Troop I, Buffalo, September 21, 1917.

By S. O. 255, A. G. O., October 6, 1917, Troops D, Syracuse; B, Albany; G, Utica; were attached, and the Squadron made a part of 2d Brigade.

By G. O. 58, A. G. O., November 22, 1918, Troops B and G were detached and formed a squadron designated Squadron D. Attached to 4th Brigade.

Mustered into the New York Guard on dates as follows: Troop D, December 31, 1917; Troop H, January 15, 1918; Troop I, February 1, 1918.

SQUADRON C

Organized as Depot unit, 1st Cavalry, June, 1916. Reorganized and mustered into State service August 27, 1917.

By S. O. 298, A. G. O., October 20, 1917, again reorganized as a squadron to consist of four troops to be designated Troops A, B, and C, at Brooklyn, and Troop E, at West New Brighton, authorized by S. O. 318, A. G. O., December 19, 1917, and attached to the 1st Brigade.

Troop K was organized at Huntington, L. I., from a Home Defense unit and attached to the squadron by G. O. 58, A. G. O., December 19, 1917. Squadron transferred to 2d Brigade, G. O. 64, A. G. O., December 22, 1917.

Mustered into the New York Guard on dates as follows: Troop A, August 27, 1917; Troop C, October 8, 1917; Troop F, November 19, 1917; Troop K, October 9, 1917; Troop E, January 7, 1918; Troop B, May 27, 1918.

SQUADRON D,

TROOP B

Organized as a Depot unit and mustered into the State service July 16, 1917, as a troop of the 1st Cavalry.

Attached to Squadron B, by S. O. 255, A. G. O., October 6, 1917. Detached from Squadron B and attached to Squadron D, G. O. 58, A. G. O., November 22, 1917.

Mustered into New York Guard, November 18, 1917. Performed duty guarding the Aqueduct.

TROOP G

Organized as a Depot Troop and mustered into State service August 31, 1917, as a troop of the 1st Cavalry.

Attached to Squadron B, by S. O. 255, A. G. O., October 6, 1917. Detached from Squadron B, and attached to Squadron D, G. O. 58, A. G. O., November 21, 1917.

Mustered into New York Guard, November 18, 1917. Performed duty guarding the Aqueduct.

CAVALEY — FIRST REGIMENT

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Colonel				
Bryant, Mortimer Drake, 21 may 19 Graduate, Garrison Schools, 1914.		pvt. tr. C, N. Y. cav., 2 may 98 to 25 nov. 98 mustered into u. s. ser. 30 june 16 out. 20 mar. 17 into 15 july 17 maj. 106 m. g. bat., 1 oct. 17 lt. col. 18 oct. 18 col. 107 inf. 2 nov. 18 hon. dis. ... 2 apr. 19	pvt., corp., sgt., tr. C 1 nov. 97 to 9 feb. 05 1 lt. (6) sq. C. 9 feb. 05 cap. 31 july 09 trs. 1 cav. 28 dec. 11 trs. 2 cav. 11 mar. 12 assigned 1 cav. 10 dec. 13 maj. 3 june 15 accepted. 5 june 15 dft. 5 aug. 17 col. 1 cav. 21 may 19 accepted. 22 may 19	N. Y. 14 mar. 78
Majors				
DeBevoise, Cornelius Schenok, 1 aug. 17		pvt. tr. C, N. Y. cav., 2 may 98 to 25 nov. 98	pvt., corp., sgt., tr., tr. C 8 mar. 97 to 9 feb. 05 2 lt. (6) sq. C. 9 feb. 05 1 lt. 18 mar. 08 with rank from. 13 mar. 08 cap. 1 cav. 9 mar. 12 trs. 2 cav. 11 mar. 12 assigned 1 cav. 10 dec. 13 resigned. 6 june 16 r. l. 5 july 13 det. to duty with depot bat., 1 cav. ... 8 july 16 maj. 10 aug. 17 accepted. 10 aug. 17	N. Y. 4 dec. 76
Barry, William Crawford, Jr., 6 oct. 17 reserve list. 13 june 19			pvt. tr. H, depot bat. 13 june 16 2 lt. depot bat. 1 cav. 2 july 16 maj. sq. B, cav. 6 oct. 17 accepted. 15 oct. 17 to 1 cav. 22 may 19	N. Y. 12 jan. 75
Molyneux, Robert Rice, 17 july 15		mustered into u. s. ser. 30 june 16 out 23 dec. 16 into 22 july 17 cap. 105 m. g. bat., 27 apr. 18 to 104 m. g. bat., 14 oct. 18 maj. 26 oct. 18 hon. dis. ... 16 apr. 19	pvt., tr. D, 1 cav., corp., sgt. 22 sep. 11 1 lt. 17 july 15 accepted. 20 july 15 dft. 5 aug. 17 maj. 1 cav. 29 aug. 19 accepted. 4 dec. 19	N. Y. 9 dec. 89
Andrews, Walter G., 19 feb. 19		mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 22 july 17 to 104 m. g. bat., — oct. 17 to 105 m. g. bat., — mar. 18 1 lt. 3 apr. 18 cap. 23 apr. 18 to 107 inf. — july 18 maj. 19 feb. 19 hon. dis. ... 2 apr. 19	pvt. 1 cav. tr. I. 28 feb. 16 2 lt. 1 cav. 11 may 17 accepted. 12 may 17 dft. 5 aug. 17 maj. 1 cav. 23 aug. 19 accepted. 1 sep. 19	Ill.

CAVALRY — FIRST REGIMENT — (Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains</i>				
Miller, Ernest Livingston, 8 nov. 11 Graduate, Garrison Schools, 1914.	i. s. a. p.	mustered into u. s. ser..... 30 june 16 out 16 mar. 17 into 31 mar. 17 hon. dis. from 83 f. a. 7 apr. 19	pvt., corp., sgt., 1 sgt., 3 sig. corps, 19 apr. ... pvt. tr. B..... 1 feb. 93 hon. dis..... 1 feb. 00 pvt., 1 sgt..... 6 feb. 00 hon. dis..... 15 jan. 02 2 lt..... 27 jan. 02 1 lt..... 6 oct. 03 cap. 3 sq..... 8 nov. 11 tra. 1 cav..... 28 dec. 11 tra. 2 cav..... 5 nov. 13 assigned to 1 cav..... 10 dec. 13 dft..... 5 aug. 17 r. l..... 13 may 19 cap. 1 cav..... 6 oct. 19 accepted..... 7 oct. 19	N. Y. 73
Mathiesen, Christian, 2 july 17 reserve list.... 24 oct. 19	I	.....	enlisted, 74 inf..... 23 mar. 08 dis..... 24 mar. 12 re-enlisted tr. I, 1 cav. 10 apr. 15 discharged..... 1 july 17 cap. tr. I, 1 d. b..... 2 july 17 accepted..... 6 july 17 cap. sq. B, cav..... 2 july 17 to 1 cav..... 22 may 19	Norway 14 oct. 84
Westcott, Addison H 9 aug. 17	G	.....	pvt. tr. G, 2 cav..... 1 june 12 sgt..... 17 dec. 12 full and hon. dis..... 8 mar. 15 cap. sq. D, 1 cav..... 9 aug. 17 accepted..... 9 aug. 17 to 1 prov. regt..... 10 sep. 17 relieved..... 7 jan. 19 to 1 cav..... 22 may 19	.....
Graves, Robert F., 5 sep. 17	A	mustered into u. s. ser..... 30 june 16 out 20 mar. 17	pvt. tr. C..... 18 nov. 01 corp..... 31 aug. 04 sgt. tr. C, sq. C..... 13 feb. 06 1 sgt. tr. E, 1 cav..... 6 may 12 2 lt. 1 cav..... 1 feb. 16 1 lt..... 19 dec. 16 accepted..... 4 jan. 17 full and hon. dis..... 7 july 17 cap. sq. C, cav..... 5 sep. 17 accepted..... 10 sep. 17 n. g. r..... 18 mar. 19	.....
Dewey, Seth B., 5 sep. 17 full and hon. dis., 13 june 19	adjt. sq. C.	Mexican border ser- vice..... 19 june 16 to 18 mar. 17	pvt. sq. C..... 26 apr. 09 full and hon. dis..... 5 mar. 15 re-enlisted..... 20 mar. 16 corp..... 17 feb. 13 sgt..... 17 may 15 qm. sgt..... 27 mar. 16 sup. sgt..... 19 june 16 1 sgt..... 1 may 17 hon. dis..... 29 june 16 cap. sq. C, cav..... 5 sep. 17 accepted..... 10 sep. 17 to 1 cav..... 22 may 19	N. Y. 28 feb. 82
Ludwig, Frederick W., 5 sep. 17	L	.....	pvt. 2 cav..... 17 may 12 promoted and war- ranted qm. sgt. 30 nov. 14 full and hon. dis..... 17 may 15 re-enlisted..... 17 may 15 qm. sgt., depot sq..... 21 june 17 cap..... 5 sep. 17 accepted..... 10 sep. 17 to 1 cav..... 22 may 19	N. Y. 11 july 86

CAVALRY—FIRST REGIMENT—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Hart, Augustin Snow, 23 nov. 17 Distinguished Graduate, Garrison Schools, 1915.	E	mustered into u. s. ser. 17 nov. 16 resigned. 11 dec. 16	pvt., corp., sgt., tr. 5, sq. C. 16 apr. 06 to 20 mar. 12 2 lt. 2 cav. 20 mar. 12 assigned 1 cav. 10 dec. 13 1 lt. 2 dec. 15 resigned. 11 dec. 16 cap. sq. C. 23 nov. 17 accepted. 3 dec. 17 N. G. R. 14 mar. 19 to 1 cav. 22 may 19	N. Y. 19 may 79
Miller, John, 23 nov. 17 full and hon. dis., 29 may 19	F	.....	pvt. 2 cav. 23 apr. 12 1 sgt. tr. F, 1 cav. 24 feb. 13 full and hon. dis. 10 may 15 cap. depot bat. cav. 8 aug. 16 cap. sq. C. 23 nov. 17 accepted. 3 dec. 17 to 1 cav. 22 may 19	N. Y. 8 june 78
Van Noughys, Frank M., 11 dec. 17 hon. dis. 2 oct. 19	B	.....	pvt. tr. B, 1 cav. 15 oct. 06 to 1 feb. 09 hon. dis. 21 june 17 1 lt. depot bat. 25 june 17 cap. sq. D, cav. 11 dec. 17 accepted. 11 dec. 17 1 prov. regt. 7 aug. 17 relieved. 31 may 18	N. Y. 12 apr. 85
Allen, Atkinson, 17 dec. 17 reserve list. 1 july 19	H	.....	pvt. 29 apr. 12 full and hon. dis. 3 may 15 pvt. 13 apr. 16 2 lt. sq. B. 3 nov. 17 cap. 17 dec. 17 accepted. 19 dec. 17 to 1 cav. 22 may 19	N. Y. 10 nov. 86
Backhouse, George G., 15 mar. 18	C	mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 3 apr. 17 resigned. 10 may 17	pvt. sq. C. 24 apr. 05 corp. 4 apr. 10 sgt. 22 apr. 12 2 lt. 1 cav. 1 july 14 1 lt. 24 apr. 15 cap. 9 feb. 16 resigned. 10 may 17 cap. sq. C, cav., N. Y. G. 15 mar. 18 accepted. 18 mar. 18 to 1 cav. 22 may 19 N. G. R. 2 june 19 cap. 1 cav., N. Y., N. G. 30 june 19 accepted. 24 july 19	N. Y. 21 july 80
Lindsay, Roy Warriner, 11 june 18 hon. dis. 21 feb. 19	K	.....	enl. tr. K, 1 cav., N. Y. G. 25 sep. 17 1 sgt. 9 oct. 17 2 lt. sqd. C, cav. 20 oct. 17 1 lt. 12 mar. 18 cap. 11 june 18 accepted. 14 june 18	N. Y. 21 feb. 77

CAVALRY — FIRST REGIMENT — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Soule, Oscar Frank, 14 oct. 18 reserve list.... 18 june 19	D	.....	pvt. 1 cav., h. c. de- tachment..... 4 mar. 12 hon. dis..... 2 nov. 14 2 lt. sq. B..... 17 dec. 17 1 lt. 11 june 18 cap. 14 oct. 18 accepted..... 23 oct. 18 to 1 cav. 22 may 19	N. Y. 17 mar. 90
Urban, William P., 16 dec. 18	m. g. tr.	mustered into u. s. ser..... 30 june 16 out 15 mar. 17 2 lt. 324 inf., 15 aug. 17 1 lt. 110 inf., 8 feb. 18 cap. 16 dec. 18 hon. dis. 13 mar. 19	pvt., corp., agt., tr. I, 1 cav. 6 mar. 15 to 13 may 17 cap. 1 cav. 5 nov. 19 accepted..... 12 nov. 19	N. Y. 29 dec. 88
Jacobsen, Edward Hast- ings, 20 june 19	F	.....	pvt. tr. F, 1 cav., N. G. N. Y. 25 nov. 12 corp. 9 feb. 14 f. and h. dis. 6 dec. 15 pvt. tr. F, sq. C, cav., N. Y. G. 19 nov. 17 agt. 23 jan. 18 1 lt. 12 mar. 18 to 1 cav. 22 may 19 cap. 1 cav., N. Y. G. 20 june 19 cap. 1 cav., N. Y. N. G., 23 june 19 accepted..... 5 aug. 19	Pa. 20 oct. 85
Armstrong, Donald, 13 aug. 19	D	mustered into u. s. ser..... 2 july 16 out 16 mar. 17 into 1 apr. 17 2 lt. co. B, 104 m. g. btn. 9 may 18 hon. dis. 20 mar. 19	pvt., corp., agt., tr. D, 1 cav. 4 nov. 09 to 22 may 16 dft. 5 aug. 17 cap. 1 cav. 13 aug. 19 accepted..... 14 aug. 19	N. Y. 1 nov. 91
Townson, Kenneth C., 3 sep. 19	H	tr. E, 310 cav., 20 may 18 hon. dis. as 1 agt., 14 oct. 18	pvt. d. u. 1 cav. 15 june 16 agt. tr. H, sq. B. 2 feb. 18 hon. dis. 21 may 18 pvt. tr. H, sq. B. 14 jan. 19 1 agt. 17 jan. 19 1 lt. 1 cav. 18 june 19 cap. N. Y. G. 3 sep. 19 cap. N. Y. N. G. 24 nov. 19 accepted..... 24 nov. 19	N. Y. 8 july 89
Burrows, Lorenzo, III, 5 nov. 19	I	mustered into u. s. ser..... 1 july 16 out 13 mar. 17	pvt. tr. I, 1 N. Y. cav. 6 mar. 15 corp. 21 june 16 pvt. tr. B. 16 june 17 hon. dis. 21 sep. 17 1 lt. sq. B. 16 oct. 17 accepted..... 23 oct. 17 to 1 cav. 22 may 19 cap. 1 cav. N. Y. G. 5 nov. 19 cap. 1 cav. N. Y. N. G., 19 dec. 19 accepted..... 6 jan. 20	Mich. 19 feb. 93

CAVALRY — FIRST REGIMENT — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Taylor, Harry G., 19 nov. 19	B	co. A, 2 N. Y. V., 6 may 98 to 25 oct. 98 mustered into u. s. ser..... 30 june 16 out 16 mar. 17 into 31 mar. 17 hon. dis. . . 14 aug. 17 cap. cav. 78 div., 29 aug. 17 303 m. t. and p., 1 oct. 17 maj., inf. . . 31 dec. 17 command m. p. 78 div., hon. dis., 26 may 19	pvt. 6 sep. co. 11 apr. 94 corp. 7 july 98 f. and h. dis. 3 aug. 00 pvt. 3 sig. corps. 6 aug. 00 hon. dis. 15 jan. 02 pvt. tr. B, cav. 15 jan. 02 hon. dis. 16 oct. 06 pvt. tr. D, cav. 16 oct. 06 dropped. 27 sep. 07 taken up, tr. B. 15 july 10 f. and h. dis. 22 oct. 13 re-enlisted. 22 oct. 13 corp. 11 mar. 14 f. and h. dis. 21 oct. 15 re-enlisted and war- rant contd., sgt. 19 july 16 dft. 5 aug. 17 cap. 1 cav. 19 nov. 19 accepted. 24 nov. 19	N. Y. 15 jan. 77
Strecker, Arthur T., 4 dec. 19	adjt.	mustered into u. s. ser..... 6 july 16 out 5 mar. 17 into 3 apr. 17 2 lt. inf., 35 div., hon. dis. 28 apr. 19	pvt. tr. C, 1 cav. 13 mar. 16 dft. 5 aug. 17 1 lt., 1 cav. 20 june 19 cap. 4 dec. 19 accepted. 15 dec. 19	N. Y. 10 june 94
<i>First Lieutenants</i>				
Gilbert, Albert C., 14 sep. 17	G		pvt. tr. G, 2 cav. 21 june 12 dropped (removal) 10 apr. 16 1 lt. sq. D, cav. 14 sep. 17 accepted. 24 sep. 17	
Speares, Herbert W., 3 nov. 17 reserve list. . . . 13 june 19	adjt. sq. B,		pvt. 101 sep. co. 8 july 98 full and hon. dis. 17 apr. 05 pvt. co. H, 3 inf. 24 sep. 06 hon. dis. 27 feb. 08 pvt. depot unit, tr. H, 1 cav. 10 july 16 regt. sgt. maj., 1 prov. regt. N. G. N. Y. 11 aug. 17 sgt. tr. H, sq. B, to 2 sep. 17 1 lt. sq. B, cav. 8 nov. 17 accepted. 7 nov. 17 assigned to 1 cav. 22 may 19	N. Y. 26 mar. 77
Evers, Frank William, 8 nov. 17 hon. dis. 4 dec. 19	M	Mexican bord. ser., 25 sep. 16 to 15 mar. 17	pvt. tr. M, 1 cav. 25 sep. 16 hon. dis. 29 june 17 1 lt. sq. B, cav. 8 nov. 17 accepted. 15 nov. 17	N. Y. 4 july 92
Van Valkenburgh, John B., 11 dec. 17	adjt. sq. D		pvt. 3 sig. corps. 31 may 97 pvt. tr. B, 1 cav. 15 jan. 02 corp. 18 nov. 02 sgt. 22 feb. 04 1 sgt. 28 feb. 00 dis. 18 june 16 1 lt. sq. D, cav. 11 dec. 17 accepted. 13 dec. 17 assigned to 1 cav. 22 may 19	N. Y. 25 feb. 77

CAVALRY — FIRST REGIMENT — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Cont'd</i>				
Phillips, Edward C., 11 dec. 17	A		pvt. tr. 5, sq. C..... 20 mar. 10 full and hon. dis..... 8 mar. 15 re-enlisted..... 15 mar. 15 dis..... 13 mar. 16 re-enl. tr. A, 1 cav..... 15 mar. 16 to d. u., 1 cav..... 28 june 16 2 lt. sq. C..... 5 sep. 17 1 lt..... 11 dec. 17 accepted..... 13 dec. 17 assigned to 1 cav..... 22 may 19	N. Y. 183 88
Anstee, Mortimer R., 17 dec. 17 reserve list..... 13 june 19	H		pvt. depot unit, tr. H, cav..... 13 june 16 1 lt. sq. B, cav..... 17 dec. 17 accepted..... 19 dec. 17 assigned to 1 cav..... 22 may 19	N. Y. 14 june 86
Young, Walter E., 31 dec. 17	sup. tr.	mustered into u. s. ser..... 30 june 16 out 15 mar. 17 2 lt. cav..... 15 aug. 17 1 lt..... 31 dec. 17 hon. dis..... 10 may 19	pvt. tr. 6, sq. C..... 28 dec. 08 to tr. B, 2 cav..... 11 mar. 12 to tr. K, 1 cav..... 10 dec. 13 corp..... 9 feb. 14 f. and h. dis..... 5 mar. 15 re-enl. and warrant cont. sgt..... 7 feb. 16 f. and h. dis..... 13 mar. 16 re-enl. and warrant cont. f. and h. dis. (O.T.C.) 6 june 17 1 lt. 1 cav..... 19 nov. 19 accepted..... 20 nov. 19	N. Y. 18 june 88
Macomber, Francis S., 5 feb. 18 f. and h. dis..... 23 aug. 19	i. s. a. p. sq. B		1 sep. co..... 19 may 90 corp..... 18 july 91 full and hon. dis..... 18 june 95 1 lt. sq. B, cav., N. Y. G., 5 feb. 18 accepted..... 2 feb. 18 assigned to 1 cav..... 22 may 19	N. Y. 29 sep. 67
Haviland, Frost, 27 mar. 18 f. and h. dis.... 4 oct. 19	C	mustered into u. s. ser..... 30 june 16 out 14 nov. 16	pvt. tr. 7, sq. C, N. Y. N. G..... 1 nov. 09 dropped..... 11 nov. 12 taken up, tr. C, 1 cav. 7 july 13 corp..... 11 jan. 15 sgt..... 17 may 15 f. and h. dis..... 28 june 15 re-enlisted..... 28 june 15 1 sgt..... dis..... 14 nov. 16 1 lt. sq. C, N. Y. G..... 27 mar. 18 accepted..... 1 apr. 18 to 1 cav..... 22 may 19 1 lt. 1 cav., N. Y. N. G., 30 june 19 accepted..... 24 july 19	12 feb. 88
Lockwood, Brookholst Carroll, 11 june 18	tr. E		pvt. co. A, 7 regt., N. G. N. Y..... 27 june 98 dropped..... 22 mar. 04 1 lt. sq. C, N. Y. G..... 11 june 18 accepted..... 14 june 18 assigned to 1 cav..... 22 may 19	N. Y. 6 dec. 78
Simpson, Robert L., 18 july 18 hon. dis..... 20 mar. 19	K		pvt. tr. K, sq. C, N. Y. G..... 25 sep. 17 1 sgt..... 9 oct. 17 2 lt. sq. C, N. Y. G..... 9 apr. 18 1 lt..... 18 july 18 accepted..... 27 july 18	N. Y. 16 feb. 85

CAVALRY — FIRST REGIMENT — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Cont'd</i>				
Shivell, William Taylor, 19 July 18	L	.....	pvt. 3 batty., N. G. N. Y. 17 oct. 04 corp. 4 dec. 05 sgt. 17 may 07 f. and h. dis. 19 apr. 10 re-enlisted tr. 8, sq. C. N. G. N. Y. 23 may 10 tra. to tr. K, 1 cav. 18 jan. 12 tra. to tr. D, 2 cav. 11 mar. 12 f. and h. dis. 26 may 13 re-enlisted tr. C, sq. C. N. Y. G. 7 aug. 17 1 sgt. 5 nov. 17 2 lt. sq. C, N. Y. G. 19 July 18 assigned to 1 cav. 23 may 19 1 lt. 1 cav. 15 jan. 19 accepted. 20 jan. 19	Ohio 23 aug. 82
Armstrong, Howard P., 21 aug. 18 f. and h. dis. 30 aug. 19	i. a. a. p.	.....	pvt. tr. C, N. G. N. Y. 14 dec. 95 f. and h. dis. 22 apr. 01 1 lt. sq. C, N. Y. G. 21 aug. 18 accepted. 23 aug. 18 assigned to 1 cav. 22 may 19	N. Y. 23 oct. 75
Barrows, William G., 30 aug. 18 hon. dis. 19 nov. 19	D	.....	1 lt. 3 inf., N. Y. G. 30 aug. 18 1 lt. sq. B, N. Y. G. 13 dec. 18 accepted. 18 dec. 18 assigned to 1 cav. 22 may 19	Vt. 6 mar. 86
Wolcott, Thomas V., Jr., 16 sep. 18	B	.....	pvt. 3 sig. corps. 2 mar. 01 hon. dis. 15 jan. 02 pvt. tr. B, cav. 15 jan. 02 corp. 8 mar. 06 f. and h. dis. 4 may 07 1 lt. sq. D, cav. 16 sep. 18 accepted. 20 sep. 18 to 1 cav. 23 may 19	N. Y. 28 June 80
Denny, George M., 23 sep. 18	I	mustered into u. s. ser. 1 July 16 out 13 mar. 17 2 lt. inf. 27 nov. 17 to 302 cav. 6 feb. 18 1 lt. 23 sep. 18 to 8 cav. 6 nov. 18 hon. dis. 19 dec. 18	pvt. tr. I, 1 cav. 25 oct. 15 dropped. 12 June 16 taken up. 30 June 16 hon. dis. 21 apr. 17 1 lt. 1 cav. N. Y. G. 5 nov. 19 1 lt. 1 cav. N. Y. N. G. 19 dec. 19 accepted. 12 Jan. 20	N. Y. 23 mar. 95
Young, Russell Morgan, 19 May 19	K	.....	pvt. tr. K, sq. C. N. Y. G. 19 oct. 17 sgt. 19 oct. 17 1 sgt. may 18 2 lt. sq. C. 28 aug. 18 1 lt. 1 cav. 19 may 19 accepted. 21 may 19	Conn. 3 sep. 75
Raynaud, Henry, 28 June 19	F	mustered into u. s. ser. 28 June 16 out 24 dec. 16 into 20 July 17 to 102 t. m. batty., 17 oct. 17 hon. dis. 7 nov. 17 2 lt. A. S., S. R. C., 8 nov. 17 to air serv. 20 July 18 hon. dis. 5 June 19	pvt. tr. F, 1 cav. 23 apr. 12 dropped. 11 feb. 13 taken up. 23 mar. 14 dropped. 3 may 15 taken up. 22 nov. 15 corp. 31 Jan. 16 n. g. r. 24 dec. 16 rept. for duty. 15 June 17 dft. 5 Aug. 17 pvt. tr. F, 1 cav. 20 June 19 1 lt. 1 cav., N. Y. N. G., 28 June 19 accepted. 4 Aug. 19	N. Y. 8 June 85

CAVALRY — FIRST REGIMENT — (Continued)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Con- tinued</i>				
Stillman, Hugh D., 5 nov. 19	m. g. tr.	2 cav. 1 O. T. C., 15 aug. 17 to hdqrs. tr., 1 nov. 17 to 105 m. g. btn., 10 june 18 hon. dis. . . . 27 feb. 19	1 lt. 1 cav. 5 nov. 19 accepted. 15 nov. 19	Fla. 25 aug. 96
Barrett, Julian., B 26 dec. 19	D	mustered into u. ser. 30 june 16 out 16 mar. 17 into 1 apr. 17 to 104 m. g. bat., — oct. 17 2 lt. cav. 29 div., 1 oct. 18 hon. dis. . . 31 may 19	s. pvt. tr. D, 1 cav. . . . 23 dec. 15 dft. 5 aug. 17 1 lt. 1 cav. 26 dec. 19 accepted. 29 dec. 19	Md. 23 dec. 94
Blehdon, Gilbert R., 26 dec. 19	sq. adj.	mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 21 july 17 2 lt. f. a. . . . 15 aug. 17 with 308 and 5 f. a.; 1 lt. f. a. oct. 18; with 48 f. a. hon. dis. . . 5 dec. 18	pvt. tr. I, 1 cav. 28 feb. 16 dft. 5 aug. 17 1 lt. 1 cav. 26 dec. 19 accepted. 9 jan. 20	N. Y. 25 oct. 93
<i>Second Lieutenants</i>				
Servatius, Clifford P., 14 sep. 17 f. and h. dis. . . 7 feb. 19	G		pvt. tr. G, 1 cav. . . . 1 nov. 12 cap. 13 dec. 15 full and hon. dis. . . . 20 mar. 16 re-enlisted. 7 june 16 sup. sgt. — dis. 6 july 17 2 lt. 14 sep. 17 accepted. 25 sep. 17 1 prov. rgt. — sep. 17 relieved 7 feb. 19	.....
Downer, Huntington, 16 oct. 17 f. and h. dis. . . 24 oct. 19	I		pvt. tr. I, cav. 7 may 12 hon. dis. as sgt. 15 dec. 15 re-enlisted. 15 dec. 15 full and hon. dis. . . . 24 oct. 17 2 lt. tr. I, sq. B. 16 oct. 17 accepted. 20 oct. 17 assigned to 1 cav. . . . 22 may 19	N. Y. 22 aug. 87
Rennie, Chas. Wm. 12 mar. 18 hon. dis. 13 june 19	F	mustered in u. s. serv. 30 june 16 dis. 16 june 17 n. g. f. 11 sep. 16 dis. 16 june 17	pvt. tr. F, 1 cav., N. G. N. Y. 6 july 13 furloughed, N. G. res. 11 sep. 16 pvt. tr. F, sq. C, N. Y. G. 19 nov. 17 sgt. 28 jan. 17 2 lt. sq. C. 12 mar. 18 accepted. 15 mar. 18 assigned to 1 cav. . . . 22 may 19	Scot. 18 aug. 86
Herrmann, Lionel H. 19 july 18	B	mustered in u. s. serv. 30 june 16 out 20 mar. 17 into 3 apr. 17 hon. dis. —	pvt. batty. C, 2 f. a., N. G. N. Y. 11 oct. 15 tra. tr. C, 1 cav. N. G. N. Y. 4 may 16 hon. dis. 23 apr. 17 2 lt. sq. C, cav. 19 june 18 assigned to 1 cav. . . . 22 may 19 2 lt. 1 cav. N. G. N. Y. 30 june 19 accepted. 29 july 19	N. Y. 30 aug. 89

CAVALRY — FIRST REGIMENT — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Continued</i>				
De Bevoise, Jas. Gilbert 2 aug. 18	E		pvt. 12 co. 9 c. a. c. N. Y. G. 8 oct. 17 tra. tr. E, sq. C. N. Y. G. 22 nov. 17 2 lt. sq. C. N. Y. G. 2 aug. 18 accepted 8 aug. 18 assigned to 1 cav. 22 may 19	N. Y. 2 feb. 79
McNulty, Howard C. 14 aug. 18	sup. co		pvt. tr. C. N. G. N. Y. 22 nov. 02 full and hon. dis. 1 june 09 re-enl. tr. A, 1 cav. N. Y. G. 8 june 15 dropped for removal. — dec. 16 re-enl. tr. C, sq. C. N. Y. G. 21 aug. 17 sup. sgt. 17 dec. 17 2 lt. sq. C. N. Y. G. 14 aug. 18 accepted 26 aug. 18 assigned to 1 cav. 22 may 19	N. Y. 4 mar. 85
Huber, Wm. B. 28 oct. 18	D		pvt. tr. D, sq. D. cav. N. Y. G. 18 dec. 17 agt. 22 mar. 18 2 lt. sq. B, cav. N. Y. G. 28 oct. 18 accepted 5 nov. 18	N. Y. 6 feb. 91
Fischer, Herbert G. M. 29 oct. 18	M. g. tr	mustered into u. s. serv. 21 july 17 to co. B. 106 m. g. bat. 9 oct. 17 mech. — dec. 17 agt. — apr. 18 2 lt. 107 inf. 29 oct. 18 hon. dis. ... 2 apr. 19	pvt. tr. I, 1 cav. 21 july 17 dft. 5 aug. 17 2 lt. 1 cav. 5 nov. 19 accepted 11 nov. 19	N. Y. 14 sep. 94
Belknap, Leslie H. 20 nov. 18	B		assigned to 1 cav. 22 may 19 pvt. tr. B, 1 cav. N. Y. G. 23 jan. 11 f. and h. dis. 2 july 14 re-enl. 2 july 14 f. and h. dis. 15 june 15 re-enl. 21 june 16 f. and h. dis. 18 may 17 2 lt. sq. D, cav. N. Y. G. 20 nov. 18 accepted 25 nov. 18 assigned to 1 cav. 22 may 19	Conn. june 92
Brown, James C., 4 Dec. 18	A	mustered into u. s. ser. 30 June 16 out 1 sept. 16	pvt. co. D, 23 regt. N. G. N. Y. 17 nov. 05 corp. 5 dec. 10 f. and h. dis. 2 jan. 12 pvt. troop M, 2 cav. N. G. N. Y. 21 feb. 12 re-designated tr. E. 11 mar. 12 corp. 1 dec. 13 f. and h. dis. 8 mar. 15 re-enl. 8 mar. 15 agt. 6 mar. 16 discharged 1 sep. 16 pvt. troop A, 1 cav. N. Y. G. 7 aug. 17 1 agt. 5 nov. 17 2 lt. sq. C. N. Y. G. 4 dec. 18 Accepted 9 dec. 18 Assigned to 1 cav. 22 may 99	N. Y. 17 aug. 88

CAVALRY—FIRST REGIMENT—(Concluded)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Wolcott, Edgar C., 20 dec. 18 reserve list.... 13 june 19			pvt., depot unit, tr. H, 1 cav., N. Y. G. N. Y. 13 june 16 f. and h. dis. 13 june 18 pvt., tr. H, sq. B, N. Y. G. 13 june 18 1 sgt. 2 lt. sq. B, N. Y. G. 20 Dec. 18 Accepted 23 dec. 18 Assigned to 1 cav. 22 may 19	N. Y. 18 oct. 86
Baker, Statham S., 3 sep. 19	H	pvt., tr. E, 310 cav. 8 june 18 f. a. o. t. a. 24 oct. 18 27 tr. batty. hon. dis. 29 nov. 18	pvt., tr. H, 1 cav. 16 jan. 16 to d. u. 1 cav. 24 june 16 hon. dis. 1 june 18 pvt., tr. H, 1 cav. 16 apt. 19 1 sgt. 2 lt., 1 cav. 3 sep. 19 2 lt., 1 cav., N. Y. N. G. 24 nov. 19 accepted 24 nov. 19	N. Y. 11 aug. 87
Gogoll, Thornton H., 8 oct. 19	F		pvt. 4, co. 13, c. a. c. 21 mar. 11 1 ol. gunner. to tr. F, 1 cav. 8 apr. 13 hon. dis. 23 mar. 15 pvt., tr. F, sq. C. 19 nov. 17 1 sgt. 25 feb. 18 hon. dis. 28 june 19 pvt., tr. F, 1 cav., N. Y. N. G. 28 june 19 warrant continued. 2 lt. 1 cav., N. Y. N. G. 8 oct. 19 accepted 15 oct. 19	Ky. 18 nov. 90
Swenson, Clarence E., 5 nov. 19	sup. tr.	mustered into u. s. a. ser. 20 june 16 out 13 mar. 17	pvt. tr. I, 1 cav. 28 feb. 16 hon. dis. 16 june 17 pvt. tr. I, 1 cav. 31 july 17 1 sgt. 29 june 18 2 lt. 1 cav. 5 nov. 19 accepted 14 nov. 19	Minn. 29 oct. 87
Hebard, Henry D., 5 nov. 19	I		pt. tr. I, 1 cav. 23 oct. 17 corp. 29 june 18 2 lt., 1 cav., N. Y. G. 5 nov. 19 accepted 12 nov. 19 pvt. tr. I, 1 cav., N. Y. N. G. 12 dec. 19 hon. dis. 19 dec. 19 2 lt., 1 cav., N. Y. N. G. 19 dec. 19 accepted 19 dec. 19	N. Y. 12 aug. 92

SQUADRON A, N. Y. G.

Headquarters, 1339-1349 Madison Ave, New York City

Troop A, Squadron A, N. G., N. Y., was mustered into the State service as a Depot Troop on March 14, 1916. On July 10, 1916, the formation of a Depot Squadron was authorized, which was mustered into the New York Guard and designated Squadron "A," N. Y. G., on following dates: Troop A, December 17, 1917; Troop B, December 18, 1917; Troop C, April 18, 1918; Troop D, January 21, 1919.

A large percentage of the men of this squadron have received commissions in the United States Army or other Federal Government appointments.

Attached to Division, June 30, 1919.

The squadron has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Spanish-American War, 1898; Porto Rico, 1898; Coamo, 1898; Asomanta, 1898. Mexican Border, 1916. World War 1917;

On the State Color.—Buffalo, August, 1892; Brooklyn, January, 1895; Croton Dam, April, 1900.

SQUADRON A CAVALRY

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the New York Guard	
<i>Majors</i>				
Wendt, Alfred, 21 may 18 reserved list... 6 june 19			pvt. corp., sgt., 1 agt., tr. I, sq. A... 11 apr. 95 tp 2 mar. 06 1 lt. (1), sq. A... 2 mar. 06 tra. 1 cav. 28 dec. 11 cap. I cav. 11 june 13 supn. and assigned to duty... 10 dec. 13 r. l., school of equip- tation... 19 may 14 aide, staff c. g., div. 30 apr. 15 cap. sq. A, cav. 5 june 16 detailed as cap. aide, div. N. G. 12 june 16 1 lt. 1 cav. 28 june 16 cap. sq. A, cav. 18 oct. 17 maj. 21 may 18 accepted. 23 may 18	N. Y. 25 may 68
Egleston Nathaniel Hil- lyer, 9 nov. 18		mustered into u. s. ser. 30 june 16 out 28 dec. 16 into 22 july 17 1 lt. 105 M. G. bat. 21 feb. 18 cap. 9 nov. 18 maj. 2 apr. 19 hon. dis. 2 apr. 19	pvt. tr. 1, sq. A, trans. tr. 4, corp., sgr., 1 sgt. 18 feb. 07 to 11 mar. 15 2 lt. 11 mar. 15 1 lt. 7 july 16 accepted. 8 july 15 dft. 5 aug. 17 r. l. 21 june 19 maj. sq. A. 30 june 19 accepted. 7 july 19	N. J. 13 feb. 84
<i>Captains</i>				
Cole, Melton Douglas, 12 jan. 18 f. and h. dis... 11 aug. 19	A	mustered into u. s. ser. 30 june 16 out 28 dec. 16	pvt. tr. 4, sq. A, cav. 28 jan. 10 corp. 5 dec. 11 sgt. 4 feb. 15 f. and h. dis. 29 jan. 15 re-enl. tr. D, sq. A. 30 june 15 2 lt. 3 nov. 15 h. dis. 9 feb. 17 cap. sq. A, cav., N. Y. G. 12 jan. 18 accepted. 15 jan. 18	W. Va. 6 june 82

SQUADRON A CAVALRY—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Bates, Thos. Towar, 21 may 18 f. and h. dis...13 may 19			pvt. sq. A, cav., N. Y. N. G.....11 apr. 95 trumpeter.....9 jan. 96 corp.....31 oct. 99 sgt.....27 may 01 1 sgt.....19 apr. 04 f. and h. dis.....16 sep. 05 1 lt. sq. A, cav., N. Y. G.....— cap.....21 may 18 accepted.....22 may 18	10 feb. 74
Hall, James Willet, 28 dec. 18	B		pvt. tr. I, sq. A.....19 july 98 artificer.....—01 dis.....24 sep. 03 re-enlisted.....10 may 07 sgt.....15 may 07 dis.....10 june 98 re-enlisted depot tr. sq. A, as sgt.....— 1 lt. depot sq. A, cav.....7 july 16 1 lt. sq. A, cav.....20 nov. 17 cap.....28 dec. 18 accepted.....31 dec. 18	N. Y. 24 jan. 74
Belknap, Waldron Phoenix, 3 feb. 19			pvt. tr. I, sq. A.....11 apr. 95 f. and h. dis.....10 apr. 00 pvt. depot sq. A.....14 nov. 16 sq. A, N. Y. G.....17 dec. 17 sgt.....24 sep. 17 2 lt., sq. A, N. Y. G. 8 apr. 18 cap., sq. A, cav., N. Y. G.....— Y. G.....3 feb. 19 accepted.....5 feb. 19	N. Y. 8 feb. 73
Reynolds, John, 19 feb. 19	D	mustered into u. s. ser.....30 june 16 out 28 dec. 16 into 22 july 17 1 lt. 105 m. g. bat. 4 mar. 18 cap.....28 feb. 19 hon. dis.... 2 apr. 19	pvt. tr. D, sq. A.....6 oct. 15 corp.....1 july 16 sgt.....11 sep. 16 2 lt. sq. A.....9 apr. 17 accepted.....10 apr. 17 dft.....5 aug. 17 r. l.....14 may 19 cap. sq. A.....23 may 19 accepted.....24 may 19	N. Y. 9 oct. 83
Matthews, George, Jr., 19 aug. 19	A	mustered into u. s. ser.....30 june 16 out 28 dec. 16 into 22 july 17 2 lt. 105 m. g. btn., 29 dec. 17 1 lt.....19 feb. 19 hon. dis.... 2 apr. 19	pvt. tr. 3, sq. A.....7 apr. 10 corp.....5 nov. 14 sgt.....20 jan. 16 f. and h. dis.....5 july 16 re-enl. and warrant contd. dft.....5 aug. 17 r. l.....11 aug. 19 cap. sq. A.....19 aug. 19 accepted.....28 aug. 19	N. Y. 22 june 88

SQUADRON A CAVALRY — (Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Maynard, Gurdon			pvt. co K, 7 inf. 25 jan. 98	N. Y.
Moore, 12 jan. 18			dropped. 22 may 94	8 oct.
hon. dis. 30 dec. 18			taken up. 1 oct. 94	71
			dropped. 18 june 97	
			taken up. 6 oct. 97	
			hon. dis. 6 dec. 98	
			pvt. tr. 2, sq. A. 12 dec. 99	
			trs. tr. 1. 16 jan. 00	
			dropped. 13 oct. 00	
			taken up. 24 nov. 03	
			artil. 27 mar. 05	
			corp. 30 mar. 06	
			ret. to ranks and trs.	
			to tr. 4. 10 may 07	
			sgt. 10 may 07	
			2 lt., sq. A. 8 apr. 10	
			with rank from. 5 apr. 10	
			hon. dis. 19 jan. 11	
			1 lt. sq. A. cav. N. Y.	
			Y. G. 12 jan. 18	
			accepted. 15 jan. 18	
Frederick, Karl T., 5 june 18	i.s.a.p.		pvt. tr. A. 5 dec. 12	N. Y.
			f. and h. dis. 4 dec. 15	2 feb.
			pvt. tr. B, sq. A. A. C14 mar. 10	81
			ret. tr. B, sq. A. 18 dec. 17	
			1 lt. 5 june 18	
			accepted. 10 june 18	
Drexel, Anthony J., Jr., 12 sep. 18	adj.	mustered into u. s. ser. 22 july 17	pvt. tr. D, sq. A. 14 may 17	Pa.
		pvt. 9 c. a. c., 2 lt.dft.	sgt. july 17	19 oct.
		o. d. 15 feb. 18	5 aug. 17	87
		1 lt. 12 sep. 18	26 nov. 19	
		hon. dis. 30 jan. 19	1 lt., sq. A. 22 nov. 19	
			accepted. 6 dec. 19	
Bodman, George M., 3 feb. 19	D		pvt. tr. 4, sq. A. 26 apr. 07	
full and hon. dis., 15 nov. 19			to tr. G, 1 cav. 18 jan. 12	Ohio
			full and hon. dis. 22 aug. 12	8 june
			pvt. sq. A. 14 mar. 16	82
			hon. dis. 7 dec. 17	
			pvt. tr. A, sq. A. 14 mar. 18	
			corp. 22 apr. 18	
			1 lt. sq. A. 3 feb. 19	
			accepted. 6 feb. 19	
Warfield, Frederic P., 11 feb. 19	A		pvt. tr. 1, sq. A. 22 mar. 07	N. Y.
			dropped. 30 dec. 09	24 jan.
			pvt. tr. A, sq. A. 21 may 17	76
			1 sgt. 22 apr. 18	
			1 lt. sq. A. 11 feb. 19	
			accepted. 14 feb. 19	
Cooke, Carleton S., 22 oct. 19	C	mustered into u. s. ser. 30 jun. 16	pvt. tr. D, sq. A. 4 mar. 10	N. Y.
		out 28 dec. 16	trump. 10 oct. 10	19 sep.
		cap. cav. 8 may 17	corp. 5 feb. 15	77
		with 78 div., 2 and 3 A, hdqrs.	full and hon. dis. 9 jun. 15	
		hon. dis. 25 ju. 19	reinstated and warrant continued	
			hon. dis. 8 may 17	
			1 lt. sq. A. 22 oct. 19	
			accepted. 24 oct. 19	

SQUADRON A CAVALRY — (Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Fargo, James C., 30 oct. 19	B	mustered into u. s. ser. 30 jun. 18 out 28 dec. 18 cap. 302 m. p., 1 a. c. to 251 co. m. p., 28 apr. 17 hon. dis. 28 jun. 19	pvt. tr. 3, sq. A. 28 apr. 09 to tr. F, 1 cav. 28 dec. 11 to tr. C, sq. A. 10 dec. 13 farrier 5 mar. 14 corp. 9 feb. 15 full and hon. dis. 27 apr. 15 reinstated and warrant continued sgt. 8 feb. 16 full and hon. dis. 27 apr. 16 reinstated and warrant continued hon. dis. 2 may 17 r. l. 6 sep. 19 1 lt. sq. A. 30 oct. 19 accepted 3 nov. 19	N. Y. 23 may 88
<i>Second Lieutenants</i>				
Brown, Lewis Howland, 20 nov. 17	sup. co.		pvt., artif., tr. 3, sq. A, trs. tr. 4, qm. sgt. 24 oct. 02 to 7 feb. 12 2 lt. 1 cav. 7 feb. 12 accepted 9 feb. 12 assigned, 1 sq. 5 nov. 13 assigned, sq. A. 5 mar. 14 f. h. disc. 30 nov. 15 2 lt. d. b. 7 july 16 2 lt. sq. A. 20 nov. 17 accepted 26 nov. 7	N. Y. 13 apr. 80
Jenney, Isaac Hallam, 27 mar. 18 full and hon. dis., 24 jan. 19	A		Sq. A, N. G. N. Y. 18 mar. 95 dis. 10 apr. 00 depot bat., sq. A, N. G. N. Y. 14 mar. 16 2 lt. sq. A, cav., N. Y. G. 27 mar. 18 accepted 30 mar. 18	Colom. 19 aug. 71
Grimwood, Victor Redmond, 25 oct. 18 hon. dis. 23 may 19	C		pvt. tr. B, sq. A, N. Y. G. 7 jan. 18 sgt. 10 june 18 tr. hdqrs. det. 10 june 18 2 lt. sq. A, cav., N. Y. G. 25 oct. 18 accepted 15 nov. 18	N. Y. 9 nov. 81
Tompkins, Boylston A., 24 feb. 19	D		pvt. tr. A, sq. A. 7 jan. 18 corp. 16 dec. 18 sgt. 30 jan. 19 to tr. D. 18 jan. 19 2 lt. sq. A. 24 feb. 19 accepted 3 mar. 19	N. J. 14 jan. 91
Cary, Edward Moen, 19 mar. 19 full and hon. dis., 20 oct. 19	B		pvt. tr. 3, sq. A. 14 apr. 97 corp. 22 mar. 99 com. sgt. 2 may 00 guid. sgt. 7 nov. 01 sgt. 17 feb. 02 full and hon. dis. 24 jan. 08 2 lt. sq. A. 19 mar. 19 accepted 19 mar. 19	N. Y. 21 nov. 73

SQUADRON A CAVALRY — (Concluded)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Con- cluded</i>				
Haakell, Edward K., 30 oct. 19	B	.....	Pvt. co. F, 7 inf. 18 sep. 01 dropped 30 sep. 05 taken up 5 feb. 06 full and hon. dis. 2 apr. 07 Pvt. tr. 4, sq. A. 23 oct. 08 corp. 13 may 10 to tr. G, 1 cav. 28 dec. 11 full and hon. dis. 4 apr. 12 Pvt. tr. B, sq. A. 2 apr. 18 corp. 27 may 18 Sgt. 10 june 18 1 Sgt. 18 apr. 19 2 lt. sq. A. 30 oct. 19 accepted 31 oct. 19	Maine 8 feb. 77

FIRST FIELD ARTILLERY, N. Y. G.

Armory, 1988 Broadway, New York City

Organized as depot batteries and mustered into State service, Battery A., August 20, 1917; Battery B, August 14, 1917; Battery C, August 8, 1917; Battery D, August 27, 1917; Battery E, September 20, 1917; Battery F, November 27, 1917.

Batteries A and C transferred to 3d Field Artillery October 6, 1917, S. O. 255, A. G. O.

Mustered into New York Guard, Battery A, December 26, 1917; Battery C, February 27, 1918; Machine Gun Battery, July 29, 1918. Machine Gun Battery detached, May 23, 1919 (G. O. 23); Battery A disbanded, June 28, 1919 (G. O. 16); Company S, 3d Infantry, Syracuse, detached and designated Battery A, June 28, 1919 (G. O. 16); Battery C disbanded, July 14, 1919 (G. O. 19); Battery C, Binghamton, mustered in, September 8, 1919. Performed active duty guarding the Acqueduct.

Recognized by War Department, Battery F, November 7, 1919; Battery C, November 24, 1919. Attached to division, June 30, 1919.

FIRST FIELD ARTILLERY — NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonels</i>				
Strong, Prentice, 16 may 18 reserve list....13 may 19			landaman, 1 div. Conn. N. G.....10 may 01 to 31 oct. 01 pvt., corp., tr. 3, sq. A, N. G. N. Y....16 mar. 06 to 4 apr. 12 2 lt. 2 bat. f. a. ....25 apr. 12 1 lt. 1 f. a. ....5 sep. 12 cap. ....20 jan. 13 cap. r. l. ....2 dec. 15 detailed to active duty depot bat., 1 f. a. ....5 july 16 1 lt. 1 f. a. ....14 aug. 16 cap. ....28 dec. 16 resigned.....16 feb. 17 cap. 1 f. a. ....23 july 17 maj. 1 f. a. ....20 oct. 17 lt. col. ....14 mar. 18 col. ....16 may 18 accepted.....17 may 18	N. Y. 23 mar. 79
Delaney, John Thomas, 20 feb. 19		mustered into u. s. ser.....4 july 16 out 15 nov. 16 into 9 july 17 col. 104 f. a.20 feb. 18 hon. dis...1 apr. 19	pvt. 1 batty., corp., sgt., batty. F, 2 bat. f. a. ....21 dec. 09 to 25 nov. 12 2 lt. 1 f. a. ....25 nov. 12 1 lt. ....13 feb. 13 cap. ....4 mar. 14 lt. col. ....29 june 17 accepted.....2 july 17 dft. ....5 aug. 17 r. l. ....30 apr. 19 col. 1 f. a. ....24 may 19 accepted.....27 may 19	N. Y. 20 june 87
<i>Lieutenant Colonels</i>				
Dunlap, Charles Edw., 6 nov. 18 reserve list....13 may 19	D	pvt. batty. A, 1 bat., Mass. vol. mil., 12 nov. 08 to 12 nov. 11 mustered into u. s. ser.....15 aug. 16 out 1 nov. 16	pvt. batty B, 1 f. a. ....9 nov. 15 corp. ....25 apr. 16 1 sgt. ....8 july 16 hon. dis. ....9 aug. 16 2 lt. ....10 aug. 16 hon. dis. ....28 june 17 2 lt. 1 f. a. ....8 nov. 17 cap. ....11 dec. 17 maj. ....27 mar. 18 lt. col. ....6 nov. 18 accepted.....8 nov. 18	Pa. 3 dec. 89

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonel — Continued</i>				
Austin, James Edward, 6 june 19	mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 9 july 17 lt. col. 104 f. a., 20 feb. 19 hon. dis. ... 10 apr. 19	pvt. co. G, 9 inf. 1 apr. 02 hon. dis. 31 mar. 07 pvt., corp., agt., 1 batty. 30 may 07 to 1 may 12 2 lt. 2 bat. f. a. 1 may 12 1 lt. 17 may 12 cap. 1 f. a. 4 nov. 12 maj. 2 oct. 15 accepted. 5 oct. 15 dft. 5 aug. 17 r. l. 10 may 19 lt. col. 1 f. a. 6 june 19 accepted. 7 june 19	N. Y. 25 dec. 84
<i>Majors</i>				
Hubbard, Francis Gilbert, 27 nov. 18 reserve list. 24 mar. 19		pvt. co. I, 71 inf. 26 feb. 07 corp. 11 feb. 08 full and hon. dis. 3 mar. 12 1 lt. 71 inf., N. Y. G. 11 oct. 17 accepted. 17 oct. 17 cap. 1 f. a. 20 may 18 maj. 27 nov. 18 accepted. 10 dec. 18	Minn. 3 aug. 87
Blakeales, Charles Gray, 19 feb. 19	mustered into u. s. ser. 4 july 16 out 8 nov. 16 into 2 july 17 maj. 104 f. a., 20 feb. 19 hon. dis. ... 1 apr. 19	pvt., corp., 6 batty. 18 mar. 07 to 1 june 10 2 lt. 6 batty. 1 june 10 tra. 2 bat. f. a. 16 dec. 12 assigned 1 f. a. 1 jan. 13 cap. 1 dec. 15 dft. 5 aug. 17 r. l. 9 may 19 maj. 1 f. a. 24 july 19 accepted. 25 july 19	N. Y. 7 dec. 84
Petersen, Fred A., 19 feb. 19	mustered into u. s. ser. 28 june 15 out 15 nov. 16 into 9 july 17 maj. 104 f. a., 19 feb. 19 hon. dis. ... 1 apr. 19	pvt. batty. D, 1 f. a. 23 jan. 12 full and hon. dis. 28 jan. 15 re-enlisted. 2 feb. 15 2 lt. 10 aug. 16 1 lt. 25 apr. 17 accepted. 28 apr. 17 dft. 5 aug. 17 r. l. 12 may 19 maj. 1 f. a. 14 june 19 accepted. 16 june 19	N. Y. 15 jan. 81
Leech, Robinson, 27 mar. 18 reserve list. 14 june 19		pvt. sq. A, cav. 11 jan. 11 corp. 30 nov. 09 agt. 27 mar. 13 full and hon. dis. 6 july 15 re-enlisted. 6 july 15 trans. to depot sq. A. 29 june 16 hon. dis. 12 sep. 17 2 lt. 1 f. a. 7 sep. 17 cap. 11 oct. 17 maj. 27 mar. 18 accepted. 1 apr. 18	N. Y. 4 may 84
Ehrich, Manfred W., 28 mar. 19 reserve list. 24 july 19		2 lt. 1 f. a. 7 sep. 17 1 lt. 20 oct. 17 cap. 20 oct. 17 maj. 28 mar. 19 accepted. 29 mar. 19	N. Y. 23 june 76

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains</i>				
Russell, Robert Law, 10 apr. 17	E	mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 9 july 17 cap. 104 f. a. hon. dis. ... 1 apr. 19	pvt. 22 co. c. a. c. 11 dec. 08 tr batty. E, 1 f. a. 19 dec. 13 corp. 10 mar. 14 sgt. 5 may 14 2 lt. 1 f. a. 4 mar. 15 1 lt. 17 aug. 16 cap. 10 apr. 17 accepted 13 apr. 17 dft. 8 aug. 17 cap. 1 f. a. 8 nov. 19 accepted 18 nov. 19	Sect. 28 mar. 81
Hofmann, Arthur W., 13 june 17	F	mustered into u. s. ser. 9 july 17 cap. 104 f. a. hon. dis. ... 1 apr. 19	pvt. batty. E, 1 f. a. 19 sep. 1 tra. to batty. D. 3 july 18 1 sgt. 14 sep. 18 dis. 14 sep. 14 re-enlisted batty. D. 14 sep. 14 dropped. 3 feb. 15 re-enlisted batty. F. 12 apr. 17 2 lt. 19 apr. 17 1 lt. 5 may 17 cap. 13 june 17 accepted 19 june 17 dft. 5 aug. 17 r. l. 20 may 19 cap. 1 f. a., N. Y. G. 20 june 19 cap. 1 f. a., N. Y. N. G. 7 mar. 19 accepted 17 nov. 19	1 N. Y. 14 june 90
Gallagher, Francis P., 4 dec. 17	batt. adj.	mustered into u. s. ser. 28 june 16 out 15 nov. 16 into 9 july 17 cap. 104 f. a., 4 dec. 17 hon. dis. ... 4 mar. 19	pvt. batty. D, 1 f. a. 21 apr. 14 corp. 8 nov. 15 1 sgt. 16 aug. 16 1 lt. 1 f. a. 15 june 17 accepted 20 june 17 dft. 5 aug. 17 cap. 1 f. a. 14 june 19 accepted 3 july 19	N. Y. 17 mar. 93
Cartwright, Charles Edw., 28 feb. 18 reserve list. 3 feb. 19	C	Mass. service batty. A, 1 bat. l. a., Mass. vol. mil., 1889-92. pvt., corp., co. D, 1 regt. inf., Mass. vol. mil., 1892-96. pvt., corp., sgt.	1 lt. 1 f. a. 7 sep. 17 accepted 10 sep. 17 cap. 28 feb. 18 accepted 9 mar. 18	Mass. 23 dec. 70
Vistor, Carl Louis, 27 mar. 18 reserve list. 27 jan. 19	D		pvt. tr. I, sq. A. 14 oct. 04 trans. tr. A, sq. 1. 18 jan. 12 saddler 20 feb. 12 trans. tr. A, sq. A. 5 mar. 14 gm. sgt. 8 dec. 14 full and hon. dis. 21 june 16 2 lt. 1 f. a. 11 oct. 17 accepted 15 oct. 17 1 lt. 5 mar. 18 cap. 27 mar. 18 accepted 29 mar. 18	N. Y. 25 jan. 89
Orvis, Schuyler A., 27 mar. 18 reserve list. 24 july 19	E		pvt. co. K, 7 inf. 2 feb. 14 trans. to N. G. res. 9 feb. 17 dis. 1 june 17 1 lt. 1 f. a. 9 nov. 17 cap. 27 mar. 18 accepted 30 mar. 18	N. J. 30 june 92

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — (Continued)				
Gette, John O., 23 may 18 reserve list.... 12 july 19	F	Span.-Am. War ser- vice 1898.	seaman, 3 div., 2 bat., 14 jan. 97 N. M. 14 june 97 hon. dis. 30 jan. 00 2 lt. 1 f. a., N. Y. G. 28 feb. 18 1 lt. 10 may 18 cap. 23 may 18 accepted. 25 may 18	Ger. 25 nov. 72
Britt, Archibald P., 2 aug. 18 hon. dis. 18 apr. 19	hdqrs. co.	pvt. co. G, 29 inf., 11 may 07 full and hon. dis., 10 may 10 batty. D, 1 f. a., 19 jan. 11 corp. 12 aug. 11 agt. 22 june 12 to batty. D, 6 f. a., — june 18 hon. dis. 18 jan. 14 re-enlisted. 19 jan. 14 discharged. 27 june 16 mustered into u. s. ser. 21 aug. 16 out 15 nov. 16	2 lt. 1 f. a. 30 june 16 1 lt. 15 aug. 16 hon. dis. 9 mar. 17 cap. 1 f. a. 2 aug. 18 accepted. 5 aug. 18	Ill. 26 may 87
Stoney, Arthur Crawford, 6 aug. 18	E	.....	2 lt. 1 f. a., N. Y. G. 10 may 18 1 lt. 23 may 18 cap. 1 f. a., N. Y. G. 6 aug. 18 accepted. 12 aug. 18	N. Y. 6 dec. 79
Hegeman, Walter E., 1 oct. 18	D	mustered into u. s. ser. 15 june 16 out 5 nov. 16 into 30 june 17 cap. 104 f. a., 1 oct. 18 hon. dis. 4 june 19	pvt. batty. D, 1 f. a., 18 apr. 18 hon. dis. 20 june 17 1 lt. 1 f. a. 21 june 17 accepted. 26 june 17 dft. 5 aug. 17 cap. 1 f. a. 24 july 19 accepted. 1 aug. 19	N. Y. 21 oct. 86
Brown, Oscar J., 18 nov. 18	A	.....	pvt. tr. D, 1 cav. 4 nov. 09 dropped. 8 mar. 14 2 lt. 3 inf. 9 aug. 18 cap. 18 nov. 18 cap. 1 f. a. 28 june 19 accepted. 11 july 19	N. Y. 29 jan. 84
Haynes, Harry Fisher, 27 nov. 18 hon. dis. 11 aug. 19	bat. adj.	cadet h. m. a., Wor- cester, Eng. 1893— 1895. off. Eng. marine ops., 1895-1904. Burma Forest serv., 1904-1913.	pvt. batty. F, 1 f. a., N. Y. G. 1 mar. 18 agt., 2 lt., 1 f. a., N. Y. G. 30 aug. 18 1 lt. 9 oct. 18 cap. 1 f. a., N. Y. G. 27 nov. 18	
Koch, Frederick Jacob, 27 nov. 18 full and hon. dis.,	.....	mustered into u. s. ser. 28 june 16 out 15 nov. 16	pvt. 1 batty. 7 apr. 07 trans. batty. D. 21 sep. 11 corp. 30 oct. 11 agt. 4 dec. 12 2 lt. 16 june 14 1 lt. 11 feb. 16 hon. dis. 5 may 17 1 lt. 1 f. a., N. Y. G. 2 oct. 18 cap. 27 nov. 18 accepted. 12 dec. 18	N. Y. 6 feb. 81
Gilkes, Arthur B., 4 dec. 18 reserve list.... 2 july 19	F	.....	2 lt. 1 f. a., N. Y. G. 10 may 18 1 lt. 9 oct. 18 cap. 4 dec. 18 accepted. 6 dec. 18	British W. I. 9 apr. 74

FIRST FIELD ARTILLERY, NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Silver, Horace Percy, 10 dec. 18 reserve list.... 31 July 19	chap.	chaplain, U. S. A., 1901-1910. chaplain, U. S. M. A., 1913-1918.	cap., chap., 1 f. a., N. Y. G..... 10 dec. 18 accepted..... 21 dec. 18	Pa. 15 apr. 71
Shannon, Porter Clyde, 3 feb. 19 reserve list.... 7 aug. 19	D		pvt. co. I, 7 regt..... 2 feb. 05 dropped..... 5 jan. 07 pvt. co. I, 7 inf., N. Y. G..... 15 nov. 17 color Sgt..... — 18 2 lt. 1 f. a., N. Y. G. 10 may 18 1 lt. 27 July 18 cap. 3 feb. 19 accepted..... 5 feb. 19	N. Y. 23 nov. 84
Hopson, Francis Johnston, 11 feb. 19	C		pvt., corp., Sgt., 9 c. a. c., N. Y. G..... — nov. 17 to — July 18 Sgt. batty. F, 1 f. a., N. Y. G..... — July 18 2 lt. 1 f. a. N. Y. G. 27 aug. 18 1 lt. 26 sep. 18 cap. 11 feb. 19 accepted..... 14 feb. 19	N. Y. 4 feb. 65
Acherson, Arthur M., 19 feb. 19 reserve list.... 27 oct. 19	F	o. t. c. 12 may 17 2 lt. f. a., 102 eng., 15 aug. 17 1 lt., 104 f. a., 1 dec. 17 cap. 19 feb. 19 hon. dis. ... 1 apr. 19	pvt. 1 m. b. 18 mar. 16 hon. dis. 12 may 17 cap. 1 f. a. 17 July 19 accepted..... 1 aug. 19	Neb. 27 June 90
Stone, William C., 2 apr. 19	B	mustered into u. s. ser. 11 July 17 corp. 15 Jan. 18 Sgt. 1 June 18 2 lt. f. a. 9 aug. 18 camp Jackson; to batt. D, 35 f. a., 1 feb. 19 hon. dis.	pvt. batty. D, 2 f. a. 22 may 17 dft. 5 aug. 17 1 lt. 1 f. a. 14 mar. 19 cap. 2 apr. 19 accepted..... 3 apr. 19	N. Y. 2 mar. 87
Kaepfel, Arthur Edward, 24 July 19	bat. adj.	mustered into u. s. ser. 4 July 16 out 8 nov. 16 into 2 July 17	pvt., corp. 6 batty. f. a. 7 apr. 05 to 18 nov. 09 pvt., Sgt. 6 batty. 7 feb. 10 hon. dis. 15 nov. 10 pvt. 1 f. a. 16 nov. 10 to 21 dec. 14 2 lt. 1 f. a. 21 dec. 14 1 lt. f. a. 24 jan. 16 accepted..... 25 jan. 16 dft. 5 aug. 17 r. l. 22 June 19 cap. 1 f. a. 24 July 19 accepted..... 31 July 19	N. Y. 3 aug. 86
Wolfe, George E., 11 aug. 19	sup. co.	mustered into u. s. ser. 30 June 17 Sgt. batty. B, 104 f. a., 1 Jan. 18 2 lt. f. a. 10 may 18 hon. dis. ... 5 feb. 19	pvt. batty. B, 1 f. a. 20 June 17 corp. 10 July 17 corp. 1 aug. 17 dft. 5 aug. 17 cap. 1 f. a. 11 aug. 19 accepted..... 20 aug. 19	N. Y. 16 sep. 86
Mangan, Charles J., 28 aug. 19	C	2 lt. inf., u. s. r., 27 nov. 17 1 lt. 26 inf. 26 may 18 hon. dis. ... 15 apr. 19	cap. 1 f. a. 28 aug. 19 accepted..... 6 sep. 19	N. Y. 29 may 88

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants</i>				
Night, William J., 8 jan. 18	A	mustered into u. s. ser..... 28 june 16 out 15 nov. 16 into 30 june 17 2 lt. 104 f. a., 4 dec. 17 1 lt..... 8 jan. 18 hon. dis... 4 mar. 19	pvt. co. M, 3 inf..... 26 oct. 09 corp..... 28 feb. 13 hon. dis..... 5 feb. 14 pvt. batty. A, 1 f. a. 2 feb. 16 dft. 5 aug. 17 1 lt. 1 f. a. 24 july 19 accepted..... 5 aug. 19	N. Y. 14 feb. 91
Talmage, Mitchel Packard, 28 may 18 hon. dis..... 3 mar. 19	m. g. co.	army av..... sig. corps., 26 jan. 18—13 feb. 18	2 lt. 1 f. a., N. Y. G. 10 may 18 cap. 1 f. a., N. Y. G. 23 may 18 accepted..... 28 may 18	N. Y. 10 feb. 82
Chapman, William C., 27 july 18 reserve list.... 31 dec. 18	hdqrs. co.	3 div. Mich. nav. brig..... 23 jan. 11 to 23 jan. 14 seaman, coxswain, yeoman; pvt. batty. A, Mich. N. G., feb. 16 to aug. 16.	2 lt. 1 f. a. 10 may 18 1 lt. 27 july 18 accepted..... 5 aug. 18	Mich. 21 oct. 87
Cornwall, John Robert, 26 sep. 18 reserve list.... 3 may 19	A		2 lt. 1 f. a. 2 aug. 18 tra. sup. co. 29 aug. 18 1 lt. 26 sep. 18 accepted..... 30 sep. 18	N. Y. 30 may 86
Este, Adrian Duke, 26 sep. 18 reserve list.... 4 feb. 19	C	c. a. c. Mass. N. G., feb. 03—29 june 12	2 lt. 1 f. a. N. Y. G. 2 aug. 18 1 lt. 26 sep. 18 accepted..... 30 sep. 18	Mass.
Booth, Frederick Van Kirk, 26 sep. 18 reserve list.... 12 july 19	F	pvt., corp. co. F, 13 Pa. N. G., 3 yrs.	4 lt. 1 f. a., N. Y. G. 2 aug. 18 1 lt. 26 sep. 18 accepted..... 7 oct. 18	N. Y. 29 july 85
McAdams, Charles N., 17 oct. 18 reserve list.... 22 oct. 19	A	mustered into u. s. ser..... 4 july 16 out 1 nov. 16 into 30 june 17 2 l. 104 f. a., 15 oct. 17 1 lt. 17 oct. 18 hon. dis... 1 apr. 19	pvt., batty. A, 1 f. a. 26 june 16 dft. 5 aug. 17 1 lt. 1 f. a. 24 july 19 accepted..... 13 aug. 19	N. Y. 3 sep. 95
Smith, Robert F., 24 oct. 18	F	mustered into u. s. ser..... 5 july 16 out 27 oct. 16 into 9 july 17 2 lt. 104 f. a. 7 may 18 1 lt. 24 oct. 18 hon. dis... 1 apr. 19	pvt. batty. F, 1 f. a. 9 mar. 15 corp..... 24 july 16 sgt. 15 aug. 17 dft. 5 aug. 17 2 lt. 1 f. a., N. Y. G. 20 june 19 1 lt. 4 sep. 19 1 lt. 1 f. a., N. Y. N. G. 7 nov. 19 accepted..... 7 nov. 19	N. Y. 11 jan. 96
Richard, Aurelius Robert, 1 nov. 18 reserve list.... 25 mar. 19	C	pvt., agt., 1 lt. of re- serve, 32 arty., 1893—1898.	pvt., batty. B, 1 f. a., N. Y. G. 21 mar. 18 2 lt. 1 f. a., N. Y. G. 11 sep. 18 1 lt. 1 nov. 18 accepted..... 16 nov. 18	France 4 nov. 75
Lorentsen, Julius Carl, Jr., 6 nov. 18 hon. dis..... 23 apr. 19	sup. co.		pvt. 1 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 1 f. a., N. Y. G. 16 oct. 18 1 lt. 6 nov. 18 accepted..... 12 nov. 18	Virgin Isles

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Continued</i>				
Thorp, George O., 8 nov. 18	B	mustered into u. s. ser. 30 june 18 out 12 jan. 17 into 11 july 17 3 o. t. c. 15 may 18 2 lt. f. a. 1 june 18 1 lt. 8 nov. 18 hon. dis. 3 apr. 19	pvt. batty. D, 2 f. a. 21 june 13 corp. 9 july 14 dropped. 18 nov. 15 taken up. 31 mar. 16 dft. 5 aug. 17 1 lt. f. a. 30 june 19 accepted. 11 july 19	Mass. 5 june 94
Lyall, Arthur Vinton. 8 jan. 19	D	.....	pvt. 6 co., 9 c. a. c., N. Y. G. 8 oct. 17 agt. mar. 18 sup. agt. 12 mar. 18 2 lt. f. a., N. Y. G. 25 nov. 18 1 lt. 8 jan. 19 accepted. 10 jan. 19	N. Y. 26 july 78
Moyer, William H., 17 jan. 19 reserve list.... 4 aug. 19	A	.....	pvt. co. F, 74th inf., N. G. 21 sep. 06 dropped. 15 july 07 pvt. tr. D, N. G. N. Y., 3 may 10 f. and h. dis. 13 may 13 2 lt. 3 inf. N. Y. G. 18 nov. 18 1 lt. 17 jan. 19 1 lt. f. a. 28 june 19 accepted. 11 july 19	N. Y. 24 mar. 83
Crasto, Franklin Purdy, Jr., 3 feb. 19 reserve list.... 2 july 19	E	.....	pvt. co. A, 71 regt., N. G. N. Y. 16 nov. 00 dishon. dis. 15 may 06 2 lt. f. a., N. Y. G. 13 sep. 18 1 lt. 3 feb. 19 accepted. 6 feb. 19	N. Y. 13 nov. 81
Kirowitz, Gabriel S., 11 feb. 19 reserve list.... 16 dec. 19	B	pvt. batty. A, 2 f. a., I. N. G. 22 oct. 17 bat. agt. maj., 31 mar. 18 hon. dis. 18 july 18 13 rec. co. 24 july 18 pvt. batty. A, 16 btn., f. a. r. d. 20 aug. 18 btn. agt. maj., 6 regt., f. a. r. d. 10 oct. 18 to f. a., c. d. t. s., 18 oct. 18 hon. dis. 10 jan. 19 2 lt. f. a. r. c., 11 jan. 19	1 lt. f. a. 11 feb. 19 accepted. 18 feb. 19	Roumania 28 nov. 97
Cavanaugh, Clarence Felix, 17 feb. 19 reserve list.... 24 july 19	D	.....	pvt. 9 c. a. c. N. Y. G. 8 oct. 17 2 lt. f. N. Y. G. 26 sep. 18 1 ltn. 17 feb. 19 accepted. 20 feb. 19	Mo. 14 apr. 84
Weil, Leon J., 3 mar. 19	F	ord. dept. 4 jan. 18 to 28 feb. 18 sig. corps. 1 mar. 18 to 17 dec. 18 o. r. c. 18 dec. 18	pvt. f. a. 20 feb. 18 2 lt. f. a., N. Y. G. 17 feb. 19 1 lt. 3 mar. 19 1 lt. f. a., N. Y. N. G. 15 nov. 19 accepted. 15 nov. 19	N. Y. 23 dec. 97

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Continued</i>				
Lawrence, Effingham Nicoll 17 mar. 19	B	.....	pvt. tr. E, 1 cav., N. G. N. Y. 21 feb. 12 hon. dis. 23 feb. 15 pvt. 6 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 1 f. a., N. Y. G. 13 sep. 18 1 lt. 7 mar. 19 accepted. 10 mar. 19	N. Y. 26 July 87
Vreeland, Richard S., 30 June 19	E	mustered into u. s. ser. 9 July 17 f. a., r. d. camp sch. of fire. 6 May 18 53 f. a. 4 Oct. 18 hon. dis. 29 Dec. 18	pvt. batty. F, 1 f. a. 3 Apr. 17 dft. 5 Aug. 17 1 lt. 1 f. a. 30 June 19 accepted. 8 July 19	N. Y. 4 Jan. 94
Finney, Ralph R., 17 July 19	E	mustered into u. s. ser. 28 June 16 out 15 Nov. 16 into 9 July 17 2 lt. 104 f. a., 4 Apr. 18 hon. dis. 2 Apr. 19	pvt. batty. E, 1 f. a. 18 May 16 1 cl. pvt. 1 Aug. 16 dft. 5 Aug. 17 1 lt. 1 f. a. 17 July 19 accepted. 21 July 19	Mo. 28 Nov. 94
Hosler, Stuart E., 24 Oct. 19	A	.....	pvt. tr. D, cav. 15 Mar. 06 dropped. 23 July 15 pvt. hdqr. co. 3 inf. 9 Jan. 18 sup. sgt. 21 Jan. 18 1 lt. 3 inf. 8 Apr. 18 accepted. 15 Apr. 18 hon. dis. 1 Nov. 18 cap. 3 inf. 13 Feb. 19 accepted. 18 Feb. 19 r. l. 19 Aug. 19 1 lt. f. a. 24 Oct. 19 accepted. 25 Oct. 19	N. Y. 31 Aug. 84
Scharlin, Bernard, 5 Nov. 19	sup. co.	.....	pvt. batty. E, 1 f. a., N. Y. G. 14 Oct. 13 dropped. 17 June 16 2 lt. 1 f. a., N. Y. G. 30 Oct. 18 accepted. 14 Nov. 18 r. l. 20 June 19 1 lt. 1 f. a. 5 Nov. 19 accepted. 9 Nov. 19	N. Y. 9 Jan. 83
Merriek, William H., 13 Nov. 19	B	mustered into u. s. ser. 28 June 16 out 15 Nov. 16 into 9 July 17 2 lt. 104 f. a., 1 Oct. 17 hon. dis. 1 July 19 6 yrs. co. E, 41 inf., n. g., N. J.	pvt. 1 bat. f. a. 20 June 11 to batty. D, 2 bat. f. a. 30 Aug. 11 dropped. 17 Oct. 11 taken up, batty D. 24 July 12 corp. 30 Jan. 14 full and hon. dis. 19 Oct. 14 re-enlisted and warrant con. sgt. 29 Mar. 16 dft. 5 Aug. 17 2 lt. 1 f. a. 24 July 19 1 lt. 18 Nov. 19 accepted. 18 Nov. 19	Md. 18 June 88
Taylor, Howard E., 24 Nov. 19	C	mustered into u. s. ser. 4 July 16 out 8 Nov. 16 into 2 July 17 hon. dis., 104 f. a., 2 lt. f. a., 1 June 18 batt. B, 50 f. a., 2 lt. f. a., r. c. 14 Feb. 19	pvt. co. H, 1 inf. 7 Mar. 11 dropped. 27 July 12 taken up, batty. C, 1 f. a. 17 Aug. 15 dropped. 16 Oct. 15 taken up. 31 Dec. 15 mess sgt. 17 July 16 drafted. 5 Aug. 17 2 lt. 1 f. a., N. Y. G. 28 Aug. 19 1 lt. 1 f. a., N. Y. N. G. 24 Nov. 19 accepted. 19 Dec. 19	S. Dak. 5 May 90

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Continued</i>				
Spring, William H., 24 nov. 19	C	mustered into u. s. ser. 30 june 16 out 8 nov. 16 into 2 july 17 2 lt. 104 f. a., 25 jan. 18 hon. dis. ... 1 apr. 19	pvt. batty. C, 1 f. a. 19 apr. 12 corp. 1 mar. 15 sgt. 14 mar. 16 dft. 5 aug. 17 2 lt. 1 f. a., N. Y. G. 28 aug. 19 1 lt. 1 f. a., N. Y. N. G. 24 nov. 19 accepted. 26 dec. 19	N. Y. 21 sep. 93
<i>Second Lieutenants</i>				
O'Reilly, John J., 1 june 18	D	pvt. co. A, 303 f. sig. bat. 23 june 17 2 lt. f. a. ... 1 june 18 hon. dis. ... 26 may 19	2 lt. 1 f. a. 13 sep. 19 accepted. 23 sep. 19	N. J. 4 nov. 92
Pinkney, Cornelius Sidell, 11 sep. 18 reserve list. ... 7 july 19	A	.....	2 lt. 1 f. a., N. Y. G. 11 sep. 18 accepted. 20 sep. 18	N. Y. 2 apr. 79
Cook, Douglas Tremper, 30 sep. 18 reserve list. ... 24 jan. 19	D	.....	pvt. co. E, 7 regt., N. G., N. Y. 8 june 01 corp. 27 dec. 07 full and hon. dis. 15 june 11 2 lt. 1 f. a., N. Y. G. 30 sep. 18 accepted. 11 oct. 18	N. Y. 8 june 83
Sedgwick, Edw. Martin, 23 oct. 18 hon. dis. 19 feb. 19	D	.....	2 lt. 1 f. a., N. Y. G. 23 oct. 18 accepted. 18 nov. 18	Tex. 7 nov. 91
Sutherland, Francis W., 17 nov. 18	D	6½ yrs. 4 and 6 cav. mustered into u. s. ser. 9 july 17 2 lt. 104 f. a., 17 nov. 18 hon. dis. 1 apr. 19 co. D, 3 inf. Mich. N. G. 2 may 92 to 7 oct. 93	band leader 1 f. a. 2 june 17 drafted. 5 aug. 17 r. l. 12 may 19 2 lt. 1 f. a. 23 july 19 accepted. 23 july 19	Mich. 11 mar. 77
Haughton, Harold Forest, 25 nov. 18 reserve list. ... 23 may 19	B	.....	pvt. 1 co. 9 c. a. c., N. Y. G. 27 feb. 18 corp., sgt., 2 lt. 1 f. a., N. Y. G. 25 nov. 18 accepted. 13 dec. 18	N. Y. 13 nov. 92
Frankel, Joseph, 3 dec. 18 reserve list. ... 5 aug. 19	band ldr.	150 inf. reg., Russia, 1 oct. 02 to 15 sep. 04 (band master).	2 lt. 1 f. a., N. Y. G. 3 dec. 18 accepted. 5 dec. 18	Russia 19 oct. 83
Russell, Thomas F., 3 feb. 19 reserve list. ... 12 july 19	E	.....	pvt. batty. E, 1 f. a. 25 feb. 18 2 lt. 1 f. a. 3 feb. 19 accepted. 7 feb. 19	N. Y. 13 oct. 86
Striffier, Willard C., 11 july 19	E	mustered into u. s. ser. 4 july 16 out 8 nov. 16 into 9 july 17 pvt. 1 cl. ... 1 oct. 17 corp. 10 dec. 17 hon. dis. ... 1 apr. 19	pvt. batty. F, 1 f. a. 22 june 16 dft. 5 aug. 17 2 lt. 1 f. a. 11 july 19 accepted. 18 july 19	N. J. 8 may 94
Ferry, Frank J., 24 july 19 Graduate Sammur Art School, France.	A	mustered into u. s. ser. 4 july 16 out 8 nov. 16 into 30 june 17 hon. dis. ... 1 apr. 19	pvt. batty. A, 1 f. a. 7 apr. 16 dft. 5 aug. 17 2 lt. 1 f. a. 24 july 19 accepted. 29 july 19	N. Y. 6 sep. 95

FIRST FIELD ARTILLERY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- cluded</i>				
Gorman, Donald P., 24 july 19	A	2 lt. f. a. 16 sep. 18 to camp Taylor. hon. dis. 14 dec. 18	2 lt. 1 f. a. 24 july 19 accepted 29 july 19	N. Y. 4 aug. 96
Schilling, Fred M., 30 july 19 hon. dis. 29 nov. 19	F	mustered into u. s. ser. 21 july 17 corp., sgt., 1 sgt., batty. F, 104 f. a. hon. dis. 1 apr. 19	pvt. batty. F, 1 f. a. . . . 29 apr. 17 dft. 5 aug. 17 2 lt. 1 f. a. 30 july 19 accepted 31 july 19	Ill. 2 mar. 89
Keegan, Harry J., 19 sep. 19	C	pvt. co. I, 310 inf., 27 sep. 17 o. t. s., camp Dix, 5 jan. 18 2 lt. inf. 1 june 18 hon. dis. 7 dec. 18	pvt. co. H, 1 inf. 18 may 09 dropped 4 mar. 11 2 lt. 1 f. a. 19 sep. 19 accepted 27 sep. 19	N. Y. 19 mar. 89
Hughes, Ransom, 4 oct. 19	E	pvt. 3 co. c. a. c., 16 feb. 18 corp. 13 aug. 18 2 lt. c. a. c.; 88 regt. c. a. c. 9 dec. 18 released 9 dec. 18	2 lt. 1 f. a., N. Y. G., 2 lt. 1 f. a., N. Y. G. N. G. 15 dec. 19 accepted 20 jan. 20	N. Y. 20 july 96

SECOND FIELD ARTILLERY, N. Y. G.

Armory, 171 Clermont Avenue, Brooklyn, N. Y.

Organized as a Depot Battalion, composed of Batteries A and C. Designated 2d Field Artillery, N. Y. G., G. O. 37, A. G. O., August 3, 1917.

Attached to 1st Brigade, G. O. 58, A. G. O., November 22, 1917; transferred to 2d Brigade, G. O. 64, A. G. O., December 22, 1917. Battery C of Depot Battalion became Battery E, 2d Field Artillery, November 5, 1917. Battery D, Nyack, transferred to 1st Infantry and designated Company D, S. O. 289, A. G. O., November 14, 1918.

Batteries mustered into New York Guard on dates as follows: Battery A, November 19, 1917; Battery B, March 25, 1918; Battery C, November 12, 1918; Battery D, November 1, 1917; Battery E, November 5, 1917; Battery F, November 19, 1917; Battery G, December 3, 1917.

Battery F redesignated Battery D and Battery G, February 25, 1918.

Attached to Division, June 30, 1919.

Recognized by War Department; Battery A, December 12, 1919.

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Weld, DeWitt Clinton, Jr., 11 sep. 18	mustered into u. s. ser. 30 june 16 out 16 feb. 17 into 11 july 17 lt. col. 105 f. a., 1 oct. 17 col. 11 sep. 18 hon. dis. ... 3 apr. 19	pvt., corp., agt., 1 agt. co. A, 23 inf. ... 8 mar. 87 to 16 nov. 92 2 lt. 23 inf. 16 nov. 92 1 lt. 3 feb. 96 resigned. 18 sep. 02 cap. 2 f. a. 8 oct. 12 supn., assigned to 1 f. a. 26 oct. 12 cap. 1 f. a. 16 nov. 12 assigned 2 f. a. 11 jan. 13 cap. 2 f. a. 20 jan. 13 maj. 2 f. a. 7 sep. 16 accepted. 11 sep. 16 dft. 5 aug. 17 col. 2 f. a. 24 may 19 accepted. 29 may 19	N. Y. 18 july 68
<i>Lieutenant Colonels</i>				
Royce, Henry Herbert, 6 jan. 19 reserve list. 26 feb. 19	pvt. 3 batty. 17 apr. 83 corp. 17 apr. 84 agt. 7 dec. 85 1 sgt. 5 apr. 87 1 lt. 15 july 89 hon. dis. 15 aug. 98 cap. batty. I, 13 rgt. 14 sep. 00 cap. c. a. c. with o. r. 23 jan. 08 rank. 14 sep. 00 retired. 1 june 10 det. to command depot bat., 2 f. a. 3 july 16 maj. depot bat. 8 july 16 maj. 2 f. a. 5 sep. 17 lt. col. 6 jan. 19 accepted. 9 jan. 19	Nova Scotia.
Marshall, Robert Waddell, 12 dec. 19	mustered into u. s. ser. 30 june 16 out 12 jan. 17 into 11 july 17 maj. 105 f. a., 31 oct. 18 hon. dis. ... 3 apr. 19	pvt., corp., 2 batty. ... 6 sep. 04 to 12 sep. 13 hon. dis. 20 oct. 11 pvt. 2 batty. 20 oct. 11 to 12 sep. 13 2 lt. 2 f. a. 12 sep. 13 1 lt. 27 apr. 14 cap. 2 f. a. 25 apr. 16 accepted. 26 apr. 16 dft. 5 aug. 17 maj. 2 f. a. 10 july 19 lt. col. 12 dec. 19 accepted. 15 dec. 19	N. Y. 30 nov. 83

SECOND FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors</i>				
Spencer, Frank A., Jr., 28 oct. 18	.....	mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 maj. 105 f. a., 28 oct. 18 hon. dis... 3 apr. 19	pvt. tr. C, m. g. tr... 18 sep. 13 2 lt. 2 f. a..... 13 may 16 1 lt..... 9 oct. 16 cap..... 18 apr. 17 accepted..... 19 apr. 17 dft..... 5 aug. 17 maj. 2 f. a..... 6 may 19 accepted..... 12 may 19	N. Y. 18 may 84
Chemidlin, Emile D., 26 feb. 19 reserve list... 19 may 19	.....	.....	pvt. 3 batty..... 7 mar. 87 corp..... 7 mar. 89 sgt..... 24 sep. 89 2 lt..... 4 apr. 92 1 lt..... 10 july 90 hon. dis..... 15 aug. 98 cap. 13 rgt. h. a..... 14 sep. 99 hon. dis..... 25 sep. 02 cap. depot bat., 2 f. a. 8 july 16 cap. 2 f. a. with o. r. 5 sep. 17 maj..... 26 feb. 19 accepted..... 3 mar. 19	N. Y. 6 june 67
de Figanieri, Frederick, 12 dec. 19	.....	mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 cap. 105 f. a., hon. dis... 3 apr. 19	pvt., corp., sgt., sgt. maj..... 9 mar. 14 to 26 june 16 2 lt..... 26 june 16 1 lt..... 19 aug. 16 cap..... 20 sep. 16 accepted..... 21 sep. 16 dft..... 5 aug. 17 cap. 2 f. a..... 19 may 19 maj..... 12 dec. 19 accepted..... 17 dec. 19	Pa. 11 apr. 69
<i>Captains</i>				
Sullivan, Howard E., 21 feb. 16	bat. adj.	mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 cap. 105 f. a., hon. dis..... 5 apr. 19	pvt., corp., 2 batty., tra. pvt. hdqrs., 1 bat., bat. sgt. maj..... 26 jan. 08 to 26 aug. 13 2 lt. 2 f. a..... 26 aug. 13 1 lt..... 11 feb. 14 cap..... 21 feb. 16 accepted..... 23 feb. 16 dft..... 5 aug. 17 cap. 2 f. a..... 19 may 19 accepted..... 26 may 19	N. Y. 4 may 88
Buya, Thomas A., 14 july 16 f. and h. dis... 28 nov. 19	A	.....	pvt., corp., sgt., 3 batt. f. a..... 31 oct. 92 to 1 nov. 97 pvt. 3 batty..... 15 oct. 00 to 21 nov. 05 2 lt. 47 inf..... 21 dec. 09 1 lt..... 8 apr. 10 1 lt. 14 inf..... 12 jan. 11 cap..... 14 apr. 11 1 lt. 2 f. a..... 22 nov. 13 resigned..... 9 aug. 15 cap. depot bat., 2 f. a. 14 july 16 cap. 2 f. a..... 5 sep. 17 with rank from..... 14 july 16 accepted..... 19 sep. 17	N. Y. 7 mar. 71

SECOND FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Dienst, Herbert Charles, 10 aug. 16 reserve list.... 6 june 19	E	.....	pvt., agt., h. c. 1 bat. f. a. 24 may 11 to 18 mar. 14 2 lt. 2 f. a. 18 mar. 14 r. l. 6 june 16 detailed to active duty depot bat., 2 f. a. 5 july 16 cap. d. b. 2 f. a. 10 aug. 16 cap. 2 f. a. with o. r. 5 sep. 17 accepted. 27 sep. 17	N. Y. 15 oct. 85
Raldiris, Edward J. J., 12 july 17	A	mustered into u. s. ser. 30 june 16 out 20 mar. 17 into 21 july 17 to 105 f. a. — sep. 18 hon. dis. ... 5 apr. 19	pvt., corp., agt., 1 agt. tr. 6, sq. C. 16 apr. 06 to 21 july 15 2 lt. 21 july 15 cap. 12 july 17 accepted. 14 july 17 dft. 5 aug. 17 r. l. 28 may 19 cap. 2 f. a. N. Y. G. 10 dec. 19 cap. 2 f. a. N. Y. N. G. 12 dec. 19 accepted. 12 dec. 19	N. Y. 20 sep. 80
Weiner, Alphonse William, 22 nov. 17 f. and h. dis. 29 oct. 19	D	mustered into u. s. ser. 30 june 16 resigned. 31 aug. 16	pvt. h. c., agt., 1 cl., agt., 1 batty. 1 nov. 10 to 26 aug. 13 2 lt. 2 f. a. 26 aug. 13 1 lt. 11 may 14 cap. adj. 2 bat. 24 mar. 16 resigned. 31 aug. 16 r. l. 1 oct. 17 cap. 2 f. a. 22 nov. 17 accepted. 26 nov. 17 N. G. R. 26 mar. 19	Ire. 13 july 86
McRickard, Samuel E., 28 dec. 17	F	mustered into u. s. ser. 30 june 16 f. and h. dis. 7 oct. 16	pvt. 2 batty., f. a. 13 jan. 06 com. agt. 25 sep. 06 agt. 27 aug. 07 2 lt. 1 btn., f. a. 12 june 08 to 2 batty., f. a. 10 jan. 13 1 lt. 2 f. a. 18 aug. 13 accepted. 27 aug. 13 r. l. 20 nov. 17 cap. 2 f. a. 28 dec. 17 accepted. 5 jan. 18 N. G. R. 25 mar. 19	N. Y. 19 oct. 79
Rogers, William W., 12 jan. 18 f. and h. dis. ... 6 feb. 19	B	.....	pvt., corp., agt. 17 apr. 13 full and hon. dis. oct. 13 2 lt. d. b. 20 july 16 2 lt. f. a. with o. r. 5 sep. 17 cap. 12 jan. 18 accepted. 21 jan. 18	N. Y. 18 sep. 89
Floor, Arthur Munro, 28 oct. 18	B	mustered into u. s. ser. 30 june 16 out 12 jan. 17 cap. 105 f. a. 28 oct. 18 into 11 july 17 cap. 105 f. a. 28 oct. 18 hon. dis. ... 3 apr. 19	pvt. batty. C, corp. 21 sep. 14 2 lt. 19 may 16 1 lt. 3 aug. 17 accepted. 4 aug. 17 dft. 5 aug. 17 cap. 2 f. a. 3 may 19 accepted. 12 may 19	N. Y. 3 oct. 86

SECOND FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Davenport, Henry Jorammon, 20 nov. 18	C	pvt. 1 corps cadets, M. V. M., 1899- 1900.	1 lt. 2 f. a., N. Y. G. 21 aug. 18 cap. 20 nov. 18 accepted 22 nov. 18	N. Y. 3 feb. 80
Brennan, Edward Leo, 20 feb. 19 f. and h. dis. 28 nov. 19	sup. co.	mustered into u. s. ser. 26 oct. 16 out 12 jan. 17 into 30 june 17 cap. 105 f. a., 20 feb. 19 hon. dis. 3 apr. 19	pvt., agt., batty. B, 2 f. a. 15 sep. 13 to 20 aug. 15 2 lt. 20 aug. 15 1 lt. 24 may 16 2 lt. 27 june 16 1 lt. 18 oct. 16 accepted 18 oct. 16 dft. 5 aug. 17 cap. 2 f. a. 19 may 19 accepted 16 june 19	N. Y. 3 mar. 92
<i>First Lieutenants</i>				
Clark, Rogers Pratt, 12 aug. 15	A	mustered into u. s. ser. 30 june 16 out 12 jan. 17 into 30 june 17 1 lt. 105 f. a., hon. dis. 27 jan. 19	pvt. batty. C, 2 f. a., tra. batty. A, corp., agt. 29 sep. 13 to 9 july 14 2 lt. 9 july 14 1 lt. 12 aug. 15 accepted 18 aug. 15 dft. 5 aug. 17 1 lt. 2 f. a. N. Y. G. 19 may 19 1 lt. 2 f. a. N. Y. N. G. 12 dec. 19 accepted 12 dec. 19	N. J. 5 july 91
Bergstein, Frederick Wm., 21 june 16 changed to Burton, Frederick Wm., 26 aug. 18 died. 1 mar. 19	E		pvt., corp., 2 Batt'y. f. a., tra. batty. F, 2 f. a., corp., agt. 31 oct. 07 to 4 may 14 2 lt. 2 f. a. 4 may 14 r. l. 31 dec. 15 1 lt. d. b. 21 june 16 1 lt. 2 f. a. with o. r. 5 sep. 17 accepted 13 sep. 17	N. Y. 2 jan. 87
Jacobs, Robert Elliott, 26 dec. 17	A		pvt. 3 batty. 13 may 98 corp. 17 apr. 99 agt. 15 may 01 hon. dis. 4 mar. 07 1 lt. 2 f. a. 26 dec. 17 accepted 29 dec. 17	N. Y. 2 aug. 75
Davis, James Howard, 24 jan. 18	F		pvt. hos. corps. 29 mar. 10 agt. 15 dec. 11 sgt. 1 cl. 19 mar. 12 batn. q. m. agt. 27 june 13 2 lt. 2 f. a. 1 july 15 1 lt. 2 oct. 15 1 lt. 2 f. a., N. Y. G. 24 jan. 18 accepted 28 jan. 18	Pa. 16 feb. 82
Haveron, Henry J., 9 apr. 18	B		pvt. batty. B, 2 f. a. 21 feb. 11 corp. 7 aug. 12 tra. batty. A, 1 f. a. 2 jan. 13 hon. dis. 21 feb. 14 1 lt. 2 f. a., N. Y. G. 9 apr. 18 accepted 15 apr. 18	N. Y. 12 sep. 89

SECOND FIELD ARTILLERY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
First Lieutenants—Con- tinued				
Van Brakel, Herman A., 10 may 18 f. and h. dis... 29 oct. 19	F	mustered into u. s. ser..... 21 sep. 16 out 12 jan. 17	pvt. 2 batty..... 11 jan. 06 corp..... 4 june 07 agt..... 29 jan. 09 trs. batty. E..... 24 june 13 full and hon. dis. 1 mar. 15 re-enlisted..... 1 mar. 15 sgt..... 20 mar. 16 full and hon. dis. 29 mar. 16 re-enlisted..... 29 mar. 16 2 lt..... 20 sep. 16 hon. dis..... 26 mar. 17 r. l..... 15 oct. 17 2 lt. 2 f. a..... 11 oct. 17 1 lt..... 10 may 18 accepted..... 14 may 18 N. G. R..... 30 mar. 19	N. Y. 20 july 86
Bellis, Edmund J., 10 june 18	C	mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 2 lt. 105 f. a., 1 dec. 17 1 lt..... 10 june 18 hon. dis... 12 july 19	pvt. batty. A, 1 f. a. 16 dec. 12 to batty. A, a. f. a. 16 dec. 12 corp..... 15 july 14 agt..... 24 oct. 15 f. and h. dis... 16 dec. 15 re-enl. and warrant cont., dft..... 5 aug. 17 1 lt. 2 f. a..... 10 nov. 19 accepted..... 24 nov. 19	N. Y. 2 july 92
Sheehan, Raymond J., 3 oct. 18	F	mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 11 july 17 2 lt. 105 f. a., 4 dec. 17 1 lt..... 3 oct. 18 hon. dis... 3 apr. 19	pvt. batty. D, 2 f. a. 13 jan. 14 corp..... 25 jan. 15 contd. in service... 23 feb. 17 dft..... 5 aug. 17 1 lt. 2 f. a..... 23 july 19 accepted..... 29 aug. 19	N. Y. 27 oct. 93
Orgill, John C., 28 oct. 18 reserve list... 29 oct. 19	C	mustered into u. s. ser..... 30 june 16 out 12 jan. 17 into 30 june 17 2 lt. 105 f. a., 1 oct. 17 1 lt..... 28 oct. 18 hon. dis... 3 apr. 19	pvt. batty. B, 2 f. a. 15 june 15 corp..... 30 june 16 agt..... 12 feb. 17 dft..... 5 aug. 17 1 lt. 2 f. a..... 3 may 19 accepted..... 12 may 19	W. I. 29 mar. 93
Leufer, William K., 31 oct. 18	sup. co.	mustered into u. s. ser..... 11 july 16 out 11 feb. 17 into 30 june 17 1 lt. 105 f. a. 31 oct. 18 hon. dis... 3 apr. 19	pvt. batty. B, 2 f. a. 3 apr. 16 1 cl. pvt..... — corp..... 3 mar. 17 dft..... 5 aug. 17 1 lt. 2 f. a..... 19 may 19 accepted..... 22 may 19	N. Y. 14 sep. 91
Abrams, Walter L., 20 feb. 19	B	mustered into u. s. ser..... 19 june 16 out 12 jan. 17 into 30 june 17 2 lt. 105 f. a., 4 dec. 17 1 lt..... 20 feb. 19 hon. dis... 3 apr. 19	pvt. batty. C, 2 f. a. 13 may 13 hon. dis..... — jan. 14 re-enlisted..... 2 mar. 14 dft..... 5 aug. 17 1 lt. 2 f. a..... 23 may 19 accepted..... 2 june 19	N. Y. 14 jan. 95

SECOND FIELD ARTILLERY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Second Lieutenants				
Greene, Frank, 20 July 18 reserve list.... 19 May 19	A	.....	pvt. 3 batty..... 12 oct. 90 corp..... 14 oct. 92 sgt..... 3 feb. 91 dis..... 21 oct. 95 2 lt. d. b., 2 f. a..... 20 July 16 2 lt. 2 f. a. with o. r. 5 sep. 17 accepted..... 19 sep. 17	N. Y. 11 oct. 66
Heller, Frederick O., 1 oct. 17	hdqrs. co.	mustered into u. s. ser..... 19 June 16 out 12 Jan. 17 into 30 June 17 2 lt. 105 f. a., 1 oct. 17 hon. dis... 3 apr. 19	pvt. batty F, 2 f. a..... 28 apr. 14 corp..... sgt..... 13 apr. 17 dft..... 5 aug. 17 2 lt. 2 f. a..... 23 may 19 accepted..... 26 may 19	..... 29 July 93
Demarest, Horace A., 12 mar. 18	D	.....	pvt. batty. A, 2 f. a., N. G. N. Y..... 24 feb. 14 hon. dis..... 24 may 16 pvt. batty. F, 2 f. a., N. Y. G..... 29 oct. 17 2 lt. 12 mar. 18 accepted..... 15 mar. 18	N. Y. 26 dec. 90
Keegan, Charles Edward, 24 may 18	E	.....	pvt. batty. F, 2 f. a., N. Y. G..... 22 apr. 18 2 lt. 2 f. a., N. Y. G..... 24 may 18 accepted..... 25 may 18	N. Y. 9 dec. 92
Smith, Frank C., 1 june 18	A	mustered into u. s. ser..... 30 June 16 out 12 Jan. 17 into 11 July 17 2 lt. 26 f. a. 1 June 18 hon. dis... 20 mar. 19	pvt. batty. C, 2 f. a., N. Y. G..... 16 may 16 sgt..... 1 June 17 dft..... 5 aug. 17 2 lt. 2 f. a., N. Y. G..... 31 July 19 2 lt. 2 f. a., N. Y. G..... 12 dec. 19 accepted..... 12 dec. 19	N. Y. 15 sep. 95
Cox, Joseph Francis, Jr., 1 July 18	B	.....	pvt. batty. C, 2 f. a., N. Y. G..... 5 may 13 dropped..... 30 apr. 14 taken up..... 18 may 14 hon. dis..... 14 may 16 re-enlisted..... 20 June 16 dis..... 28 July 16 pvt. batty. B, 2 f. a., N. Y. G..... 22 oct. 17 1 sgt..... 2 lt. 2 f. a., N. Y. G..... 1 July 18 accepted..... 5 July 18	N. Y. 9 nov. 92
Peters, Clement Irving, 1 July 18	A	.....	pvt. co. G, 23 regt., N. G. N. Y..... 13 mar. 05 corp..... 11 Jan. 09 sgt..... 2 may 10 full and hon. dis..... 13 mar. 15 2 lt. 2 f. a., N. Y. G..... 1 July 18 accepted..... 8 July 18	N. Y. 30 apr. 87
Stretz, George, 21 aug. 18	hdqrs. co.	pvt., band, 17 inf., 5 mar. 87 30 yrs. as band leader; retired... 18 may 17	2 lt., band leader, 2 f. a..... 21 aug. 18 accepted..... 9 sep. 18	Penn. 22 dec. 64

SECOND FIELD ARTILLERY—NEW YORK GUARD—(Concluded)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Concluded</i>				
Reitwiesner, John George, 5 sep. 18	F	.....	pvt. batty. A, 1 bat., N. G. 30 jan. 12 corp. 22 dec. 13 sgt. — 14 full and hon. dis. 1 mar. 15 2 lt. 2 f. a., N. Y. G. 5 sep. 18 accepted. 12 sep. 18	N. Y. 19 dec. 89
Stover, Walter A., 19 feb. 19	B	2 lt. f. a., o. r. c., 15 aug. 17 2 lt. cav. and trans. to inf. 13 dec. 17 hon. dis. ... 7 apr. 18	pvt. batty. B, 2 f. a. 30 oct. 11 to batty. C. 2 jan. 13 corp. 28 feb. 13 sgt. 8 dec. 13 full and hon. dis. 31 oct. 14 re-enlisted and warrant con. full and hon. dis. 3 june 17 2 lt. 2 f. a. 19 feb. 19 accepted. 24 feb. 19	N. Y. 1 dec. 92
Russell, John S., 18 mar. 19	C	.....	pvt. batty. C, 2 f. a. 8 oct. 16 sgt. 18 feb. 19 2 lt. 2 f. a. 18 mar. 19 accepted. 24 mar. 19	Dak. 3 apr. 90

SIXTY-FIFTH FIELD ARTILLERY

Headquarters, 29 Masten Street, Buffalo

Organized as a Depot Battalion of 3d Field Artillery, July, 1917, by authority of S. O. 255, A. G. O. Battery A of Syracuse and C of Binghamton were transferred from the 1st Field Artillery to this battalion. Mustered into the New York Guard on dates as follows: Battery E, November 20, 1917; Battery B, November 20, 1917; Batteries D and F, November 26, 1917.

Battery G was authorized by G. O. 58, A. G. O., November 22, 1917, and mustered into New York Guard, January 15, 1918; Battery C, February 16, 1918; Battery C detached and assigned to the 4th Infantry, March 9, 1918 (S. O. 62, A. G. O.); Battery A, detached and assigned to the 3d Infantry; and the remaining batteries became part of the 65th Infantry May 24, 1918 (G. O. 26, A. G. O.), which was organized as follows:

Station	Old designation	New Designation
Buffalo.....	Battery E.....	Company A
Buffalo.....	Battery B.....	Company B
		Company C
Buffalo.....	Battery D.....	Company D
Buffalo.....	Battery F.....	Company E
Jamestown.....	Company E, 74th Infantry.....	Company F
Buffalo.....	Battery G.....	Company G
		Company H
Olean.....	Company I, 74th Infantry.....	Company I
Warsaw.....	Company W, 74th Infantry.....	Company K
Salamanca.....	Company S, 74th Infantry.....	Company L
East Aurora.....	Company M, 74th Infantry.....	Company M

August 1, 1919 (G. O. 21, A. G. O.), Companies E, I, and M were transferred to the 74th Infantry; Company K was mustered out October 21, 1918, and Company L, November 26, 1919; the remaining companies became the 65th Field Artillery, as follows:

Old designation	New designation
Company F.....	Battery A
Company B.....	Battery B
Company G.....	Battery C
Company D.....	Battery D
Company A.....	Battery E
To be organized.....	Battery F

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Gettysburg campaign, 1863; before Petersburg, Va., October 20, 1864 to April 2, 1865; Hatcher's Run, Va., October 27–28, 1864; Hicksford raid, Va., December 6–11, 1864; Hatcher's Run, Va., February 5–7, 1865; Appomattox campaign, Va., March 28 to April 9, 1865; Gravelly Run, March 29, 1865; White Oak Ridge, March 29–31, 1865; Five Forks, April 1, 1865; Fall of Petersburg, April 2, 1865; Appomattox Court House, April 9, 1865; Spanish-American War, 1898; World War, 1917.

On the State Color.—Canal riot, Buffalo, 1849; draft riots, New York, 1863; railroad strike, Buffalo, 1877; riots, Buffalo, 1892; riots, Tonawanda, 1893.

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Hubbell, Lyman Parsons, 28 may 18	mustered into u. s. ser..... 1 july 16 out 28 feb. 17 into 31 mar. 17 resigned... 1 nov. 17	pvt., co. F, color bearer, 74 inf..... 23 mar. 96 to 25 aug. 05 1 lt., bat. qm..... 25 aug. 05 supn., reassigned... 21 jan. 08 3 lt. 74 inf..... 24 feb. 08 cap..... 20 apr. 08 maj., qm. c., N. Y. G. 10 nov. 17 col. 65 inf..... 28 may 18 col. 65 f. a..... 1 aug. 19 accepted..... 29 aug. 19	N. Y. 19 nov. 74

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors</i>				
Barrett, Nelson True, 10 July 18	.....	2 lt. 65 N. Y. inf. 1 May 98 to 19 Nov. 98 mustered into u. s. a. ser. 5 Aug. 16 out 24 Mar. 17	pvt., corp., sgt., co. I, 65 inf. 3 Apr. 93 to 12 Dec. 96 2 lt. 12 Dec. 96 1 lt. 11 June 01 cap. 65 inf. 15 Mar. 09 cap. 3 f. a. with o. r. 11 July 16 resigned. 5 May 17 r. l. 17 Aug. 17 detailed to duty with 3 f. a. 21 Sep. 17 cap. 3 f. a. with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 maj. 10 July 18 maj. 65 f. a. 1 Aug. 19 accepted. 1 Sep. 19	N. Y. 14 Dec. 68
Witten, George W. B., 29 Dec. 19	.....	1 imp. lt. horse, 8 Africa, 1899 to 1902; royal f. a. 1 f. a. 1 Can., 1914 to 1919.	..... maj. 65 f. a. 29 Dec. 19 accepted. 30 Dec. 19	Eng. 23 Jan. 85 85
<i>Captains</i>				
Norton, George H., 15 July 16	bqrs. co.	cap. 65 N. Y. inf. 1 May 98 to 19 Nov. 98	pvt., corp., sgt., co. F, 65 inf. 18 Nov. 89 to 28 Dec. 95 2 lt. 28 Dec. 95 1 lt. 5 June 97 cap. 1 May 98 i. s. a. p. with o. r. 3 Jan. 06 supn., reassigned. 21 Jan. 08 cap. o. d. 7 Feb. 08 cap. 65 inf. 1 May 14 r. l. 5 July 16 detailed to duty with depot bat. 65 inf. 15 July 16 cap. with o. r., 3 f. a. 16 Oct. 17 cap. 65 inf. 24 May 18 cap. 65 f. a. 1 Aug. 19 accepted. 29 Sep. 19	N. Y. 24 Oct. 63
Chapin, Frank M., 3 Aug. 16 f. and h. dis. ... 15 May 19	sup. off.	1 lt. bat. adjt. 65 regt. N. Y. vols., 1 May 98 to 19 Nov. 98	2 lt. 65 inf. 20 Mar. 88 hon. dis. 15 Mar. 89 pvt. co. F. 15 July 95 bat. qm. sgt. 15 July 95 1 lt. qm. bat. 4 Dec. 95 cap. 9 Feb. 99 full and hon. dis. 21 Mar. 07 r. l. 28 July 16 duty depot bat. 3 f. a. 3 Aug. 16 cap. 3 f. a. 16 Oct. 17 cap. 65 inf. 24 May 18 accepted. 3 June 18	.....
Gillilan, Andrew Boyd 10 Nov. 16 f. and h. dis. ... 5 Nov. 19	B	pvt., corp., co. I, 65 N. Y. inf. 1 May 98 to 19 Nov. 98 mustered into u. s. a. ser. 5 Aug. 16	pvt. co. E, 74 inf., trs. co. I, 65 inf., corp., sgt. 25 Jan. 97 to 24 May 00 2 lt. (H) 24 May 00 1 lt. 18 June 01 cap. 4 Aug. 13 cap. 3 f. a. with o. r. 11 July 16 resigned. 15 Sep. 16 r. l. 25 Oct. 16 detailed to duty with depot bat. 10 Nov. 16 cap. 3 f. a. with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 accepted. 3 June 18	N. Y. 4 Sep. 73

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Brost, Jacob, 14 July 17	F	pvt. co. I, 65 N. Y. inf. 14 June 98 to 19 Nov. 98 mustered into u. s. ser. 5 Aug. 16 out 1 Oct. 16 into 24 Nov. 16 out 24 Mar. 17	pvt., corp., sgt., co. I, 65 inf. 4 Sep. 99 to 13 Jan. 12 2 lt. 65 inf. 13 Jan. 12 2 lt. 3 f. a. with o. r. 11 July 16 1 lt. 2 Aug. 16 resigned. 15 Sep. 16 1 lt. 29 Sep. 16 cap. 11 Nov. 16 resigned. 23 May 17 r. l. 12 July 17 duty with depot bat., 3 f. a. 14 July 17 cap. 3 f. a. with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 N. G. R. 1 Aug. 19 cap. 65 f. a. 1 Aug. 19 accepted. 10 Sep. 19	N. Y. 30 Dec. 79
Schoen, Stanislaus, 22 Jan. 18	C	mustered into u. s. ser. 5 Aug. 16 hon. dis. 26 Aug. 16	1 lt. 65 inf. 3 Mar. 16 1 lt. with o. r. 11 July 16 detailed to duty with 3 f. a. 7 Dec. 16 1 lt. 3 f. a. with o. r. 16 Oct. 17 cap. 3 f. a. 22 Jan. 18 cap. 65 inf. 24 May 18 maj. N. G. R. 14 Mar. 19 cap. 65 f. a. 1 Aug. 19 accepted. 5 Sep. 19	Ger. 27 Oct. 73
De Rango, William E., 14 Mar. 18	D	pvt. gov.'s tr. B. 1 Ohio sq. 2 Apr. 03 dis. as 1 sgt. 12 Aug. 10	pvt. 128 sep. co. — — — 98 pvt. 28 sep. co. 28 Aug. 99 dropped. 7 Jan. 02 1 lt. 3 f. a. 15 Dec. 17 cap. 3 f. a. 14 Mar. 18 cap. 65 inf. 24 May 18 cap. 65 f. a. 1 Aug. 19 accepted. 2 Sep. 19	N. Y. 2 Mar. 76
Hamilton, Charles H., Jr., 13 Sep. 18	E	pvt. co. I, 65 N. Y. vols. 26 Apr. 98 dis. 19 Nov. 98	pvt. co. I, 65 inf. 26 Apr. 98 color bearer. 27 May 01 hon. dis. 20 May 07 1 lt. 3 f. a. 8 Nov. 17 1 lt. 65 inf. 24 May 18 cap. 13 Sep. 18 cap. 65 f. a. 1 Aug. 19 accepted. 2 Sep. 19	Scot. 30 Sep. 79
O'Mailia, Miles J., 28 Oct. 18	chap.	n. c. chap. British regt., Jamaica, B. W. I., 1914-1916.	cap. 65 inf. 28 Oct. 18 cap. 65 f. a. 1 Aug. 19 accepted. 8 Sep. 19	W. Va. 14 June 80
Moore, John H., 18 Nov. 18 reserve list. 29 Aug. 19	K	9 inf. 7 Oct. 98 hon. dis. 4 Feb. 99 13 inf. 18 Feb. 99 hon. dis. 5 Mar. 02	pvt. co. W, 74 inf. 19 Mar. 18 1 lt. 74 inf. 19 Apr. 18 to 65 inf. 24 May 18 cap. 65 inf. 18 Nov. 18 accepted. 22 Nov. 18	Can. 18 Nov. 18

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	CgH-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Gwinner, Joseph M., 4 mar. 19	adjt.	r. o. 10 aug. 16 mustered out, 12 oct. 16 1 lt. u. s. guards, co. C, 16 bats., 9 July 18 hon. dis. 3 feb. 19	pvt., qm. sgt., co. K, 65 inf. 30 June 09 to 10 May 12 2 lt. 65 inf. 10 May 12 1 lt. 5 Aug. 14 cap. 1 Apr. 15 r. l. 11 July 16 detailed to duty with depot bat. 16 Nov. 16 cap. 3 f. a., with o. r. 16 Oct. 17 cap. 65 inf. 24 May 18 full and hon. dis. 23 July 18 cap. 65 inf. 4 Mar. 19 cap. 65 f. a. 1 Aug. 19 accepted. 29 Aug. 19	N. Y. 24 Dec. 77
Pankow, Albert R., 24 May 19	D	.....	2 lt. 3 f. a. 15 Dec. 17 2 lt. 65 inf. 24 May 18 cap. 24 May 19 cap. 65 f. a. 1 Aug. 19 accepted. 2 Sep. 19	N. Y. 19 Feb. 79
Speidel, William, 28 Nov. 19	bat. adj.	1 lt. 12 bat. u. s. guards. 20 May 18 asst. camp adj., camp Dix. 1 Feb. 19 hon. dis. 31 Oct. 19	pvt. h. c., 74 inf. 19 Mar. 00 corp. 23 May 04 to co. G, 65 inf. 20 Feb. 05 1 lt. 65 inf. 30 June 05 cap. 3 Jan. 12 accepted. 5 Jan. 12 full and hon. dis. 5 Feb. 14 r. l. 27 Aug. 17 hon. dis. 30 July 18 cap. 65 f. a. 28 Nov. 19 accepted. 29 Nov. 19	N. Y. 19 Aug. 80
Gaskin, William J., 29 Dec. 19	B	pvt. 22 batty. f. a. u. s. 23 Oct. 04 discharged. 23 Oct. 07 re-enlisted. 5 Sep. 08 batt. B, 6 f. a. u. s. 10 Feb. 10 dis. 10 Feb. 10 mustered into u. s. ser. 6 Dec. 16 out 17 Mar. 17 into 15 July 17 1 lt. 106 f. a., 5 Aug. 18 cap. 102 am. tr., 3 Nov. 18 hon. dis. 11 Apr. 19	2 lt. 12 Nov. 16 accepted. 15 Nov. 16 dft. 5 Aug. 17 1 lt. 65 inf. 7 July 19 1 lt. 65 f. a. 1 Aug. 19 cap. 29 Dec. 19 accepted. 5 Jan. 20	N. Y. 24 Mar. 83
First Lieutenants				
McDougall, Philip Sidney, 23 Nov. 17	A	.....	pvt. co. C, 65 inf. 14 Jan. 07 dropped. 8 Apr. 07 taken up. 6 Mar. 16 1 lt. 65 inf. 26 June 16 r. l. 10 Aug. 16 1 lt. 3 f. a. 23 Nov. 17 1 lt. 65 inf. 24 May 18 accepted. 3 June 18 cap. N. G. R. 11 July 19 1 lt. 65 f. a. 1 Aug. 19 accepted. 5 Sep. 19	N. Y. 21 Nov. 82
St. Clair, Milton H., 14 Jan. 18	D	corp. o. t. c. 15 May 17 2 lt. 309 f. a., 1 Aug. 17 1 lt. 14 Jan. 18 hon. dis. 2 June 19	pvt. batty. F, 3 f. a. 18 June 16 hon. dis. 15 May 17 1 lt. 65 f. a. 31 Oct. 19 accepted. 24 Nov. 19	Mass. 20 Dec. 95

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Continued</i>				
Gatza, John W., 30 jan. 18	C	u. s. a., aug. 8, 1904 to oct. 30, 1906.	1 lt. 3 f. a., N. Y. G., 30 jan. 18 to 4 feb. 18 1 lt. 65 inf., N. Y. G., 24 may 18	Ill. 4 feb. 84
Francis, Guilford Wilson, 29 july 18	hdq. co.	mustered into u. s. ser..... 5 aug. 16 resigned..... 15 nov. 16	1 lt. 65 f. a. 1 aug. 19 accepted..... 5 sep. 19 pvt. 13 sep. co. 9 nov. 01 dropped..... 11 may 03 taken up, co. C, 65 regt..... 16 nov. 03 corp..... 12 dec. 04 2 lt. co. C, 65 regt. 24 dec. 04 1 lt. 23 sep. 07 f. and h. dis. 30 apr. 09 2 lt. 8 feb. 18 2 lt. 3 f. a. 11 july 18 1 lt. f. a. 30 july 18 1 lt. 65 inf., N. Y. G. 29 july 18 1 lt. 65 f. a. 1 aug. 19 accepted..... 20 sep. 19	N. Y. 30 apr. 77
Wilgus, Laurens E., 8 nov. 18 hon. dis. 17 may 19	A		2 lt. 3 f. a. 4 dec. 17 accepted..... 10 dec. 17 2 lt. 65 inf. 24 may 18 1 lt. 8 nov. 18 accepted..... 15 nov. 18	N. Y. 6 dec. 91
Curtiss, Henry Daniel, 26 dec. 18	batn. adj.		pvt. batty. F, 3 f. a., N. Y. G. 25 nov. 17 corp..... 4 mar. 18 tra. 65 inf., N. Y. G. 24 may 18 batn. sgt. maj. 21 oct. 18 1 lt. 65 inf., N. Y. G. 26 dec. 18 1 lt. 65 f. a. 1 aug. 19 accepted..... 5 sep. 19	Mass. 30 nov. 77
Wright, Sheldon Brooks, 4 mar. 19	D	mustered into u. s. ser..... 5 aug. 16 sgt..... 5 aug. 16 out 17 mar. 17	pvt. co. M, 65 inf., N. G. N. Y. 4 oct. 15 tra. co. B, 65 inf. 12 feb. 16 corp..... 5 july 16 dis. 31 may 17 pvt. batty. F, 3 f. a., N. Y. G. 25 nov. 17 1 sgt. 18 feb. 18 2 lt. 3 f. a. 5 mar. 18 2 lt. 65 inf. 24 may 18 1 lt. 4 mar. 19 1 lt. 65 f. a. 1 aug. 19	N. Y. 25 jan. 89
Webber, John D., 10 sep. 19	sup. co.	U. S. V. 1 may 99 to 30 apr. 01 2 cav. 1 feb. 02 to 1 jan. 05 3 f. a. 4 feb. 05 to 4 aug. 16 mustered into u. s. ser..... 26 dec. 16 out 14 mar. 17 into 23 july 17 cap. 106 f. a. hon. dis. 21 aug. 19	2 lt. 28 july 16 1 lt. 4 sep. 16 cap. 16 dec. 16 accepted..... 26 dec. 16 dft. 5 aug. 17 1 lt. 65 f. a. 10 sep. 19 1 lt. 65 f. a. 10 sep. 19 accepted..... 29 sep. 19	Mass. 20 aug. 76
Jakubowski, Stanley F., 13 nov. 19	E	seaman, u. s. navy, 13 sep. 99 hon. dis. 12 sep. 03	pvt. batty. G, 3 f. a. 12 jan. 18 hon. dis. 27 mar. 18 2 lt. 3 f. a. 5 mar. 18 2 lt. 65 inf. 24 may 18 2 lt. 65 f. a. 1 aug. 19 1 lt. 13 nov. 19 accepted..... 14 nov. 19	N. Y. 5 may 83

SIXTY-FIFTH FIELD ARTILLERY — NEW YORK GUARD — (*Concluded*)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants</i>				
Gott, Thomas E., 15 july 18 reserve list.... 29 aug. 19	K	.....	pvt. co. W, 74 inf. 19 mar. 18 to 65 inf. 24 may 18 2 lt. 65 inf. 15 july 18 accepted 24 july 18	N. Y. 17 feb. 88
Vastola, Samuel J., 20 oct. 18	F	pvt. 472 eng., 28 june 18 o.t.s. 16 aug. 18 2 lt. 141 eng., 20 oct. 18 hon. dis. 11 dec. 18	2 lt. 65 f. a. 8 nov. 19 accepted 10 nov. 19	N. Y. 20 jan. 90
Williams, Irving, Jr., 18 dec. 18	B	m. d. Fr. Army..... to oct., 17. sgt. d. b., camp Dix, may to sep., 18. 2 lt. f. a. 18 dec. 18	2 lt. 65 f. a. 13 nov. 19 accepted 14 nov. 19	N. Y. 14 may 96
Wilson, Kirke R., 24 dec. 18 hon. dis. 21 june 19	B	.....	pvt. co. B, 65 inf. 25 nov. 17 mess sgt. 29 apr. 18 2 lt. 65 inf. 24 dec. 18 accepted 3 jan. 19	N. Y. 14 july 89

EIGHTH COAST DEFENSE COMMAND

Headquarters, 29 West Kingsbridge Road, New York City

Organized as a Depot Battalion, 8th Coast Artillery, N. G., N. Y., and 1st Company was mustered into State service September 13, 1917, as 8th C. A. C. By S. O. 245, A. G. O., September 28, 1917, the following companies of the 10th Infantry were transferred to this regiment: Co. G, Yonkers, September 27, 1917; Co. H, Mt. Vernon, November 30, 1917; Co. L, White Plains, November 27, 1917.

Mustered into the New York Guard on dates as follows: 1st, 2d and 3d Companies, November 19, 1917; 4th Company, November 19, 1917; 5th Company, December 4, 1917; 6th Company, November 21, 1917; 8th Company, December 17, 1917; G Company (9th), December 6, 1917; H Company (10th), December 21, 1917; 11th Company, November 27, 1917; L Company (12th), December 4, 1917; 13th, 14th, 15th, 16th Companies, November 9, 1917.

5th Company, located at Far Rockaway, detached and assigned to 13th Coast Artillery Corps, November 9, 1917 (S. O. 284, A. G. O.)

7th Company, January 4, 1918. New 8th Company, February 15, 1918. Authorized to organize a regiment, January 25, 1918.

January 15, 1918, the companies were re-numbered as follows (S. O. 12, A. G. O.):

1st Company to be 1st Company.
2d Company to be 2d Company.
3d Company to be 3d Company.
9th Company to be 4th Company.
8th Company to be 5th Company.
10th Company to be 6th Company.
7th Company to be 7th Company.
8th Company (new) to be 8th Company.
G Company to be 9th Company.
H Company to be 10th Company.
L Company to be 11th Company.
4th Company to be 12th Company.

March 13, 1918, Companies I, K, L and M, 22d Engineers, detached and assigned to 8th Coast Defense Command; and re-numbered as follows (S. O. 65, A. G. O.):

Company I to be 13th Company.
Company K to be 14th Company.
Company L to be 15th Company.
Company M to be 16th Company.

August 7, 1919 (G. O. 22, A. G. O.), designation was changed to Coast Defense Command, and the following changes made:

Headquarter and Supply Companies, mustered out, October 31, 1919; 9th, 10th, 11th and 12th Companies detached and transferred to 1st Infantry, N. Y. G.:

1st Company to be 25th Company.
2d Company to be 26th Company.
3d Company to be 27th Company.
4th Company to be 28th Company.
5th Company to be 29th Company.
6th Company to be 30th Company.
7th Company to be 31st Company.
8th Company to be 32d Company.
13th Company to be 33d Company.
14th Company to be 34th Company.
15th Company to be 35th Company.
16th Company to be 36th Company.

Station of the last four changed from Mt. Vernon to New York Armory.

Authority has been granted to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Fort Gansevoort, 1812; Fort Greene, 1812; Washington, April, 1861; Bull Run, July 21, 1861; Yorktown, 1862; Gettysburgh campaign, 1863; Spanish-American War, 1898; World War, 1917.

On the State Color.—Flour riots, 1826; stonecutters' riot, 1835; great fire, New York city, 1845; Astor Place riot, 1849; police riot, 1857; Dead Rabbit riot, 1857; Sepoy riot, 1858; Camp Corcoran Legion, 1862; draft riots, 1863; Orange riots, 1871; Syracuse, 1877; Brooklyn, 1895.

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Colonel				
Austin, Elmore Farrington, 24 feb. 08 W. D. Cert. in course Nos. 1 (Basic), 2, (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer), and 6 (Fire and Battle Commander).		cap. 71 N. Y. inf., 2 may 98 to 15 nov. 98 mustered into u. s. ser..... 22 July 17 col. 57 c. a. c. hon. dis... 14 feb. 19	pvt., corp., agt., ord. agt., co. B, 71 inf. 29 nov. 87 to 14 may 94 insp. rifle practice, cap..... 14 may 94 cap. (L) with o. r. 30 apr. 98 eng. maj. 5 brig. 1 dec. 98 supn. 1 July 01 assigned to duty 1 brig. 1 July 01 eng. 1 brig. maj. with o. r. 19 nov. 01 supn., reassigned. 21 jan. 08 col. c. a. c. 26 mar. 08 chief, c. a. brig. gen. 18 jan. 12 assigned to com. 8 arty. dist. in addi- tion to other duties. 18 jan. 12 col. c. a. c. 5 may 14 dft. 5 aug. 17 col. 8 c. d. c. 7 aug. 19 accepted. 8 aug. 19	N. Y. 9 may 64
Colonel				
Teets, Sylvanus Gibson, 27 mar. 18 reserve list.... 7 aug. 19			2 lt. (E), 8 regt. 19 apr. 04 cap. 21 mar. 05 supn. 10 dec. 06 assigned 33 co. c. a. c. 19 nov. 08 cap. c. a. c. 4 june 09 a. d. c. to gov. 1 jan. 13 to 31 dec. 14 retired. 30 june 15 maj. d. b. 14 june 17 maj. 8 c. d. c. 5 sep. 17 colonel. 27 mar. 18 accepted. 30 mar. 18	N. Y. 26 aug. 63
Lieutenant Colonel				
Loeser, Paul, 11 may 17 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer), and 6 (Fire and Battle Commander).		mustered into u. s. ser..... 22 July 17 hon. dis. 28 feb. 19	pvt. co. C, 7 inf. 14 apr. 00 to 23 may 05 1 lt. (K), 8 regt. 23 may 05 cap. 19 dec. 07 cap. c. a. c. 23 jan. 08 maj. 11 oct. 09 lt. col. 11 may 17 accepted. 12 may 17 dft. 5 aug. 17 lt. col. 8 c. d. c. 18 sep. 19 accepted. 20 sep. 19	N. Y. 21 nov. 80
Lieutenant Colonel				
Hegeman, John Comstock, 10 apr. 18 reserve list 11 July 19			pvt. field hos. 3 dec. 06 agt. 25 may 06 2 lt. coast arty. corps. 3 feb. 10 rank from 21 jan. 10 1 lt. 31 may 11 1 lt. 8 c. d. c. N. Y. G. 5 sep. 17 cap. 26 oct. 17 lt. col. 10 apr. 18 accepted. 12 apr. 18	N. Y. 18 may 84
Majors				
Hayes, James Patrick, 20 nov. 17 reserve list.... 17 sep. 19			pvt. 47 regt., inf. 20 mar. 78 full and hon. dis. 20 may 02 pvt. 7 regt., inf. 26 dec. 96 full and hon. dis. 20 may 02 pvt. cos. A, D, B, 7 inf. June 16 pvt. co. A, 7 inf., N. Y. G. 20 aug. 17 maj. 22 eng. N. Y. G. 20 nov. 17 maj. 8 c. d. c. 13 mar. 18 accepted. 15 mar. 18	Ire. 30 mar. 57

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors—Concluded</i>				
Weeks, Frederick Eugene, 7 feb. 18 reserve list.... 3 dec. 19			pvt. co. C, 71 regt. 9 oct. 96 corp. 2 may 98 asst. a. g. 8 dec. 98 cap. depot bat., 10 inf. 28 june 16 cap. 8 c. a. c. 23 nov. 17 with rank from. 28 june 16 maj. 8 c. d. c. 7 feb. 18 accepted. 11 feb. 18	N. Y. 4 oct. 70
Nugent, Charles Francis, 25 apr. 18 f. and h. dis. . . . 11 oct. 18		Enrolled. . . 12 july 98 and mustered in as 1 lt. 203 regt., N. Y. Vols. . . . 19 july 98 dis. 25 mar. 99	pvt. 4 sep. co. 6 sep. 94 corp. 18 oct. 87 1 sgt. 3 may 97 1 sgt. 22 nov. 90 1 lt. 7 may 97 cap. 22 nov. 01 resigned. 31 may 05 2 lt. (E) 8 regt. 17 oct. 05 supn. 10 dec. 06 2 lt. (A) 8 regt. 22 jan. 08 with rank from. 17 oct. 05 cap. c. a. c. 13 oct. 08 with rank from. 28 sep. 08 bvt. maj. 10 mar. 11 resigned. 7 may 12 r. l. cap. 6 july 17 cap. 8 c. a. c. 5 sep. 17 maj. 8 c. d. c. 25 apr. 18 accepted. 27 apr. 18	N. Y. 12 july 66
Johnson, Reginald Hacombe, 23 may 18 reserve list. . . . 11 july 19			pvt. co. K, 7 inf. 30 oct. 01 corp. 22 dec. 05 sgt. 30 oct. 08 1 sgt. 10 jan. 11 full and hon. dis. 30 oct. 13 1 lt. 8 c. a. c. N. Y. G. 5 sep. 17 cap. 23 nov. 17 maj. 23 may 18 accepted. 24 may 18	N. Y. 19 oct. 83
Webster, Carlos Green, 5 oct. 18		pvt. co. G, 5 Ohio N. G. 9 may 88 corp. 26 feb. 90 sgt. 8 oct. 94 cap. 25 may 95 resigned. 10 apr. 97	cap. 8 c. a. c., N. Y. G. 24 jan. 18 maj. 8 c. a. c., N. Y. G. 5 oct. 18 accepted. 18 oct. 18	Ohio 20 feb. 72
Day, Arthur Mortimer, 19 nov. 19		mustered into u. s. ser. 22 july 17 hon. dis. . . . 14 feb. 19	pvt. tr. 1, sq. A. 23 mar. 97 dropped. 24 oct. 97 2 lt. c. a. c. 26 oct. 08 with rank from. 21 oct. 08 1 lt. 30 dec. 08 with rank from. 23 dec. 08 cap. 13 may 10 with rank from. 2 may 10 full and hon. dis. 18 june 13 cap. r. l. 18 may 15 cap. c. a. c. 28 june 16 accepted. 28 june 16 dft. 5 aug. 17 cap. 8 c. d. c. 12 sep. 19 maj. 19 nov. 19 accepted. 21 nov. 19	N. Y. 9 mar. 74
Trull, William Evans, 9 dec. 19 W. D. Cert. in course No. 1 (Basic).		2 lt. 71 N. Y. inf., 10 may 98 to 15 nov. 98 mustered into u. s. ser. 22 july 17 hon. dis. . . . 12 july 19	pvt. corp., co. B, 71 inf., bat. qm. sgt., rgt. qm. sgt. 7 apr. 92 to 26 apr. 98 2 lt. c. a. c. 16 july 13 cap. 1 july 15 accepted. 1 july 15 dft. 5 aug. 17 maj. 8 c. d. c. 9 dec. 19 accepted. 12 dec. 19	W. Va. 26 sep. 73

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains				
Schussler, Ferdinand Conrad, 22 dec. 13 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Commu- nication Officer), 4 (Battery Commander) and 5 (Searchlight Of- ficer).	27	mustered into u. s. ser. 22 July 17 hon. dis. 25 May 18	pvt., co. K, 171 inf., trs. co. K, 71 inf., corp., sgt. 15 May 98 to 26 Feb. 10 2 lt. c. a. c. 26 Feb. 10 1 lt. 28 June 11 cap. 22 Dec. 13 accepted. 29 Dec. 13 ift. 5 Aug. 17 cap. 8 c. d. c. 24 Sep. 19 accepted. 25 Sep. 19	N. J. 27 June 74
Tannenbaum, Julius, 8 Aug. 16 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Commu- nication Officer).	sup. off.	mustered into u. s. ser. 22 July 17 hon. dis. 14 Jan. 19	pvt., asst. hosp. stwd. hosp. stwd. h. c., 8 regt. 9 July 99 to 6 Feb. 06 2 lt. (G), 8 regt. 6 Feb. 06 1 lt. (G), 8 bat. 8 May 07 cap. c. a. c. 3 June 08 1 lt. 10 Mar. 10 cap. 7 June 12 1 lt. 9 Mar. 15 cap. 8 Aug. 16 accepted. 9 Aug. 16 ift. 5 Aug. 17 cap. 8 c. a. c. 27 Oct. 19 accepted. 31 Oct. 19	Russia 1 May 71
Fleux, Ernest Daniel, 14 July 17	arty. eng.	mustered into u. s. ser. 22 July 17 hon. dis. 20 Feb. 19	pvt. 30 co. c. a. c. 4 Oct. 15 elect. sgt. 1 cl. 3 Mar. 15 2 lt. c. a. c. 6 June 16 1 lt. 21 Nov. 16 cap. 14 July 17 accepted. 14 July 17 ift. 5 Aug. 17 cap. 8 c. a. c. 4 Oct. 19 accepted. 6 Oct. 19	N. Y. 28 Feb. 85
Ludlow, George Richard, 20 Nov. 17 f. and h. dis. 29 Nov. 19	35	mustered into u. s. ser. 26 June 18 out 9 Nov. 18	pvt. co. H, 7 inf., N. Y. N. G. 5 June 11 corp. 12 Dec. 13 agt. 20 Dec. 15 1 agt. 16 full and hon. dis. 15 June 16 re-enlisted. 20 June 16 dis. 9 Nov. 16 cap. 22 eng., N. Y. G. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 21 Mar. 18	N. Y. 5 Aug. 86
Duke, Elsa Woodward, 20 Nov. 17 hon. dis. 15 Dec. 19	33	.....	pvt. co. K, 4 Mo. inf. 1895-1897 cap. co. K, 4 Mo. inf. 1906-1910 cap. 22 eng. N. Y. G. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 23 Mar. 18	Mo. 4 Feb. 82
Watt, Charles Matthew, 20 Nov. 17	34	.....	cap. 22 eng., N. Y. G. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 15 Mar. 18	Pa. 2 Aug. 88
Hull, Frank Irving, 20 Nov. 17 reserve list. 29 Nov. 19	36	.....	cap. 22 reg. eng. 20 Nov. 17 cap. 8 c. a. c., N. Y. G. 13 Mar. 18 accepted. 16 Mar. 18	N. Y. 26 Mar. 81

COAST ARTILLERY CORPS — EIGHTH COAST DEFENSE COMMAND — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Luckhurst, Charles A., 27 nov. 17	26	pvt. 7 co., Conn. N. G. 5 oct. 11 sgt. 8 june 12 2 lt. 9 co. 25 mar. 13 1 lt. 9 june 14 dft. 5 aug. 17 cap. 27 nov. 17 maj. 34 c. a. c., 15 oct. 15 hon. dis. 14 jan. 19	1 lt. 8 c. d. c. 9 sep. 19 cap. 15 dec. 19 accepted. 19 dec. 19	N. Y. 19 oct. 79
Walker, Stuart H., 3 jan. 18 reserve list.... 1 dec. 19	29	.....	pvt. co. H, 7 inf. 6 jan. 99 corp. 6 june 01 full and hon. dis. 30 aug. 04 pvt. d. b. co. A, 7 inf. 27 june 16 full and hon. dis. 2 aug. 17 2 lt. 8 c. a. c. 5 sep. 17 cap. 3 jan. 18 accepted. 7 jan. 18	Ky. 27 sep. 78
De Fritch, Hugo Gibert, 5 mar. 18 hon. dis. 29 oct. 19	sup. co.	.....	2 lt. 8 c. a. c. 20 nov. 17 cap. 5 mar. 18 accepted. 8 mar. 18	N. Y. 26 oct. 86
Scherrer, Arthur Dway, 17 apr. 18	30	.....	2 lt. 8 c. a. c., N. Y. G. 12 jan. 18 cap. 17 apr. 18 accepted. 19 apr. 18	N. Y. 26 dec. 86
Gibbs, Edward C., 17 apr. 18 reserve list.... 6 jan. 19	32	.....	1 lt. 8 c. d. c. 12 jan. 18 cap. 17 apr. 18 accepted. 19 apr. 18 to 1 prov. regt. 24 apr. 18	Poland 16 mar. 82
Welsh, Henry Bradshaw, 15 may 18 reserve list.... 10 jan. 19	25	1 lt 14 N. Y. V., 17 may to 21 june 98	pvt. co. B, 7 regt. 30 oct. 86 dropped. 18 nov. 87 taken up. 4 june 88 dropped. 31 aug. 89 taken up. 21 jan. 95 dropped. 10 june 95 taken up. 16 oct. 96 dropped. 31 dec. 96 taken up. 11 feb. 97 dropped. 25 may 97 taken up. 13 oct. 97 dropped. 22 sep. 98 1 lt. r. l. 1 july 16 1 lt. 9 c. a. c. 5 sep. 17 accepted. 15 sep. 17 tra. to 8 c. d. c. 26 sep. 17 cap. 8 c. d. c. 15 may 18 accepted. 16 may 18	N. Y. 19 july 67
Winchester, Henry Carroll, Jr., 3 june 18 reserve list.... 19 sep. 19	27	.....	pvt. co. K, 7 inf. 2 jan. 07 dropped. 21 oct. 14 2 lt. 8 c. a. c. 23 nov. 17 1 lt. 17 jan. 18 cap. 3 june 18 accepted. 5 june 18	Md. 25 apr. 85
Kephart, William H., 16 july 18	chap.	.....	cap. 8 c. a. c. 16 july 18 accepted. 25 july 18	Md. 1 oct. 84

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Lynch, Leslie Otis, 19 oct. 18	28	.....	pvt. depot co. L, 10 inf., N. G. N. Y. 30 june 16 sgt. 25 aug. 17 trans. 8 c. a. c., N. Y. G. 26 sep. 17 2 lt. 23 feb. 18 1 lt. 2 aug. 18 cap. 8 c. a. c., N. Y. G. 19 oct. 18 accepted 24 oct. 18	N. Y. 18 oct. 74
Zehren, A. Felix, 30 oct. 18 reserve list. . . . 9 dec. 19	26	Russo-Jap. War, 2 lt cav. Russian army, 1905-1906.	2 lt. 8 c. a. c., N. Y. G. 28 feb. 18 1 lt. 17 apr. 18 cap. 30 oct. 18 accepted 4 nov. 18	Russia 23 oct. 87
Fox, Maskell Ewing, 4 dec. 18	31	.....	1 lt. 8 c. a. c., N. Y. G. 28 feb. 18 cap. 8 c. a. c., N. Y. G. 4 dec. 18 accepted 6 dec. 18	N. Y. 14 dec. 84
Snider, John Noble, 8 jan. 19 f. and h. dis. . . 23 apr. 19	1	mustered into u. s. ser. 26 june 16 fur. to n. g. r., 10 sep. 16	pvt. 7 inf. 16 oct. 11 corp. 10 apr. 14 sgt. 27 june 16 hon. dis. 14 june 17 1 lt. 22 eng. 20 nov. 17 1 lt. 8 c. a. c. 13 mar. 18 accepted 15 mar. 18 full and hon. dis. . . . 1 nov. 18 cap. 8 c. d. c. 8 jan. 19 accepted 10 jan. 19	N. Y. 4 aug. 86
Quinn, John P., 13 jan. 19	32	.....	pvt. co. D, 12 regt., N. G. N. Y. 7 mar. 07 corp. 20 dec. 09 sgt. 16 mar. 11 full and hon. dis. . . . 8 apr. 12 2 lt. 8 c. a. c., N. Y. G. 3 july 18 1 lt. 14 oct. 18 cap. 13 jan. 19 accepted 15 jan. 19	N. Y. 23 aug. 89
Lord, Charles Clifford, 27 june 19	25	.....	pvt. 22 eng., N. Y. G. 16 oct. 17 trans to 8 c. a. c., N. Y. G. 13 mar. 18 1 agt. 1 lt. 8 c. a. c., N. Y. G. 13 dec. 18 cap. 27 june 19 accepted 28 june 19	Can. 6 may 77
Davis, Walter V., 9 july 19 reserve list. . . . 12 sep. 19	adj.	.....	pvt. 10 inf. 8 mar. 07 corp. 16 june 09 acting qm. agt. dropped. 1 mar. 10 taken up. 18 jan. 11 corp. 20 jan. 12 agt. 15 nov. 12 full and hon. dis. . . . 30 jan. 16 re-enlisted. 6 mar. 16 acting 1 agt. hon. dis. 19 july 17 1 lt. 22 eng. 20 nov. 17 1 lt. 8 c. a. c. 13 mar. 18 cap. 9 july 19 accepted 11 july 19	N. Y. 21 oct. 84

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Meinecke, Otto J., 3 dec. 19	adjt.	pvt. 112 N. Y. vols. 6 june 98 disbanded 10 jan. 99 mustered into u. s. a. ser. 22 july 17 hon. dis. ... 2 aug. 19	pvt. co. C, 22 engs. . . . 9 apr. 00 corp. 24 oct. 04 sgt. 22 may 05 1 sgt. 10 apr. 07 full and hon. dis. 28 dec. 08 pvt. 8 c. d. c. 12 apr. 09 sgt. maj., jr. gd. 12 apr. 09 sgt. maj., sr. gd. 8 may 11 2 lt. c. a. c. 4 apr. 16 1 lt. 16 aug. 16 accepted. 23 aug. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 13 sep. 19 cap. 3 dec. 19 accepted. 10 dec. 19	N. Y. 20 jan. 77
Gavit, Walter P., 5 dec. 19	36	mustered into u. s. a. ser. 22 july 17 to cap. c. a. c., 27 nov. 17 hon. dis. ... 14 dec. 18	pvt. 8 c. a. c. 1 oct. 15 master eltrn. 8 nov. 15 2 lt. c. a. c. 6 apr. 16 1 lt. 19 aug. 16 accepted. 25 aug. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 6 sep. 19 cap. 5 dec. 19 accepted. 10 dec. 19	N. Y. 25 june 86
Scotfield, Thomas, 5 dec. 19	35	mustered into u. s. a. ser. 22 july 17 1 lt. c. a. c. 7 feb. 18 cap. 2 nov. 18 hon. dis. ... 11 dec. 18	pvt. 36 co. 28 june 16 2 lt. 6 dec. 16 accepted. 8 dec. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 4 oct. 19 cap. 5 dec. 19 accepted. 10 dec. 19	N. Y. 22 aug. 85
Doll, Clarence E., 20 dec. 19	33	mustered into u. s. a. ser. 22 july 17 hon. dis. ... 11 feb. 19	pvt. co. E, 7 inf. . . . 1 may 14 2 lt. c. a. c. 26 may 16 1 lt. 7 apr. 17 accepted. 11 apr. 17 dft. 5 aug. 17 1 lt. 8 c. d. c. 24 sep. 19 cap. 20 dec. 19 accepted. 22 dec. 19	N. Y. 30 mar. 85
<i>First Lieutenants</i>				
Callender, William Edwin, Jr., 16 sep. 16	25	mustered into u. s. a. ser. 22 july 17 hon. dis. ... 31 oct. 18	pvt. co. G, 7 inf. . . . 10 oct. 10 to 13 oct. 11 pvt., sgt. 27 sep. 12 to 21 dec. 15 2 lt. 21 dec. 15 1 lt. 16 sep. 16 accepted. 20 sep. 16 dft. 5 aug. 17 1 lt. 8 c. d. c. 18 oct. 19 accepted. 24 oct. 19	N. Y. 11 jan. 90
Higgs, Clarence Wilson, 21 july 17 reserve list. 13 feb. 19	10	.....	pvt. co. H, 10 inf. . . . 6 apr. 08 corp. 23 jan. 11 sgt. 19 jan. 12 full and hon. dis. 22 june 12 re-enlisted. 21 apr. 13 corp. 20 nov. 14 full and hon. dis. 17 may 15 re-enlisted. 19 may 15 sgt. 17 feb. 16 hon. dis. 24 july 16 1 lt. d. b., 10 inf. 21 july 17 tra. to 8 c. a. c. 26 sep. 17 1 lt. with o. r. 23 nov. 17 accepted. 30 nov. 17 1 prov. regt. 22 jan. 18 relieved. 31 jan. 19	N. Y. 21 nov. 84

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Cont'd</i>				
Hahnel, Casper W., 15 aug. 17 f. and h. dis. . . 29 nov. 19	36	1 lt. 103 inf., 14 aug. 17 hon. dis. . . 3 dec. 18	pvt. co. H, 10 inf. . . . 1 apr. 07 dropped 4 feb. 08 taken up 27 jan. 10 full and hon. dis. . . . 16 sep. 11 pvt. co. H, 10 inf. . . . 10 may 11 full and hon. dis. . . . 13 mar. 15 pvt. co. H, 10 inf. . . . 20 sep. 15 hon. dis. 2 june 17 1 lt. 8 c. d. c. 23 may 19 accepted 29 may 19	N. Y. 22 July 85
Redmond, Edward Francis, 20 nov. 17	36	.....	1 lt. 22 eng. 20 nov. 17 accepted 27 nov. 17 1 lt. 8 c. d. c. 13 mar. 18 accepted 15 mar. 18	N. Y. 19 nov. 79
Breck, Charles Wesley, 20 nov. 17 hon. dis. 3 mar. 19	36	.....	1 lt. 22 eng. 20 nov. 17 1 lt. 8 c. d. c. 13 mar. 18 accepted 20 mar. 18	N. Y. 10 June 81
Earl, Ralph Waldo, 20 nov. 17 hon. dis. 22 sep. 19	35	.....	1 lt. 22 eng. 20 nov. 17 accepted 23 nov. 17 1 lt. 8 c. d. c. 13 mar. 18 accepted 22 mar. 18	N. Y. 1 dec. 86
Pennefather, John Raymond, 23 nov. 17 reserve list. . . . 27 feb. 19	26	.....	pvt. 30 co., 8 c. d. c. . . 2 june 15 corp. gun pointer . . . 24 june 16 resigned 13 apr. 17 2 lt. 10 apr. 17 dis. account of physical disability . . . 4 june 17 r. l. 29 june 17 2 lt. 8 c. a. c. 5 sep. 17 1 lt. 23 nov. 17 accepted 3 dec. 17	.....
Bostwick, Silas B., Jr., 23 may 18	29	.....	pvt. co. B, 7 regt. . . . 15 oct. 03 corp. 6 june 07 sgt. 22 July 12 f. and h. dis. 25 june 14 re-enl. co. B. 4 apr. 16 f. and h. dis. 1 apr. 16 pvt. co. C, depot batn., 7 inf. 26 june 16 hon. dis. 14 nov. 17 pvt. co. C, 7 inf., N. Y. G. 14 nov. 17 corp. 7 aug. 17 sgt. 18 jan. 18 1 lt. 8 c. a. c., N. Y. G. 23 apr. 18 accepted 24 apr. 18	N. Y. 10 July 75
Phelps, Walter Edwin, 23 may 18 reserve list. . . . 30 June 19	bat. adj.	.....	pvt. 2 co. 8 c. a. c., N. Y. G. 19 nov. 17 batn. agt. maj. 25 apr. 18 regt. agt. maj. 17 may 18 1 lt. 8 c. a. c., N. Y. G. 23 may 18 accepted 24 may 18	N. Y. 6 mar. 81
Wells, James Lee, Jr., 31 may 18 reserve list. . . . 13 aug. 19	27	.....	2 lt. 8 c. a. c. 26 dec. 17 1 lt. 31 may 18 accepted 3 june 18	N. Y. 1 feb. 99
Leeney, William Lewis, 19 June 18 hon. dis. 27 feb. 19	bat. adj.	.....	pvt. depot unit, co. L, 10 regt. 28 June 17 trs 8 c. a. c., N. Y. G. 26 sep. 17 2 lt. 8 c. a. c., N. Y. G. 15 may 18 1 lt. 19 June 18 accepted 22 June 18	Eng. 4 mar. 84

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
McKeon, Jas. Edw., Jr., 15 aug. 18 hon. dis. 27 feb. 19	bat. adj.	.....	pvt. 7 co. 8 c. a. c., N. Y. G. 21 dec. 17 tra. supply co. 7 feb. 18 sup. agt. 15 apr. 18 1 lt. 8 c. a. c., N. Y. G. 15 aug. 18 accepted 19 aug. 18	N. Y. 22 mar. 88
Meyer, Emanuel L., 29 aug. 18	30	2 lt. c. a., r. c., 24 nov. 17 1 lt. 29 aug. 18 cap. 24 oct. 19 hon. dis. 24 oct. 19	pvt. 33 co. 8 c. d. e. 22 may 11 corp. 12 july 12 obs. 1 cl. — 13 agt. 24 apr. 14 f. and h. dis. 22 may 15 1 lt. 8 c. d. e. 29 dec. 19 accepted 7 jan. 20	N. Y. 15 sep 92
Loughran, William J., 20 sep. 18	35	mustered into u. s. ser. 22 july 17	pvt. 32 co. 27 apr. 08 corp. 13 june 11 agt. 22 may 12 full and hon. dis. 8 mar. 15 re-enlisted. 8 mar. 15 2 lt. 13 july 17 accepted 14 july 17 dft. 5 aug. 17 1 lt. c. a. c. 20 sep. 18 hon. dis. 1 apr. 19	.....
Glaser, Wm. C. D., 30 oct. 18 reserve list. . . . 11 oct. 19	33	.....	2 lt. 22 eng. N. Y. G. 28 nov. 17 2 lt. 8 c. a. c., N. Y. G. 13 mar. 18 tra. to 13 co. — 1 lt. 8 c. a. c., N. Y. G. 30 oct. 18 accepted 2 nov. 18	Pa. 28 sep. 87
Clapp, Frank Austin, 12 nov. 18 reserve list. . . . 22 dec. 19	28	.....	pvt. 4 co. 8 c. a. c., N. Y. G. 4 dec. 17 2 lt. 8 c. a. c., N. Y. G. 15 aug. 18 1 lt. 12 nov. 18 accepted 15 nov. 18	Me. 15 apr. 82
Sisson, Lewis Edmund, 13 dec. 18 reserve list. . . . 30 june 19	.....	.....	pvt. co. L, 7 inf. 23 mar. 10 dropped. 21 jan. 13 pvt. co. L, 7 inf., N. Y. G. 14 nov. 17 2 lt. 8 c. a. c., N. Y. G. 28 feb. 18 1 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 16 dec. 16	N. Y. 16 july 84
Bishop, Russell Stuart, 24 feb. 19	34	.....	seaman, 1 batn., N.M. N. Y. 7 apr. 08 full and hon. dis. 21 apr. 13 pvt. 2 co. 8 c. a. c., N. Y. G. 21 nov. 17 corp. 24 jan. 18 supply agt. 15 apr. 18 2 lt. 8 c. a. c., N. Y. G. 18 july 18 1 lt. 24 feb. 19 accepted 3 mar. 19	N. Y. 15 dec. 89
Pease, Alan W., 12 june 19	bat. adj.	.....	pvt. co. K, 7 inf. 31 may 18 1 lt. 8 c. a. c. 12 june 19 accepted 14 june 19	Vt. 10 june 87
Illich, Louis Luke, 11 aug. 19	25	Plattsburg, 7 r., 1916	2 lt. 8 c. a. c., N. Y. G. 27 july 18 1 lt. 11 aug. 19 accepted 8 sep. 19	N. J. 13 mar. 83

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	OgH-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Livingston, Robert, 27 oct. 19 name changed from Robert L. Weibesahl, 9 sep. 19	29	mustered into u. s. ser. 22 July 17 1 lt. c. a. c. 9 nov. 18 hon. dis. 25 May 19	pvt. co. B, 69 inf. — jan. 06 to 23 mar. 06 pvt. 5 co. 13 c. d. c. 20 apr. 09 to 15 mar. 10 pvt. 26 co. 8 c. d. c. 25 aug. 15 to 5 dec. 16 2 lt. 6 dec. 16 accepted. 8 dec. 16 dft. 5 aug. 17 2 lt. 8 c. a. c. 19 sep. 19 1 lt. 27 oct. 19 accepted. 7 nov. 19	N. Y. 19 mar. 84
Purcell, Thomas E., Jr., 5 dec. 19	31	mustered into u. s. ser. 22 July 17 re signed. 15 Jan. 18	pvt. 8 c. d. c. 26 Jan. 16 2 cl. gunner. 18 mar. 16 1 cl. gunner. 20 april 16 2 cl. observer. 19 may 16 corp. 17 mar. 16 2 lt. 26 oct. 16 accepted. 26 oct. 16 dft. 5 aug. 17 2 lt. 8 c. d. c. 6 sep. 19 1 lt. 5 dec. 19 accepted. 12 dec. 19	N. Y. 25 oct. 89
Farnham, Joseph H., 15 dec. 19	34	mustered into u. s. ser. 22 July 17 1 lt. c. a. c. 19 nov. 17 hon. dis. ... 4 mar. 19	pvt. 32 co. 5 oct. 15 2 lt. c. a. c. 23 June 16 r. l. 25 nov. 16 2 lt. 9 c. d. c. 11 may 17 19 accepted. 12 may 17 to 8 c. d. c. 24 may 17 dft. 5 aug. 17 2 lt. 8 c. d. c. 4 oct. 19 1 lt. 15 dec. 19 accepted. 19 dec. 19	Mass. 2 dec. 91
Farrell, William James, 31 dec. 19	28	mustered into u. s. ser. 22 July 17 hon. dis. ... 29 apr. 19	pvt. unassigned, 8 c. d. c. 23 feb. 14 trs. to 34 co. 29 may 14 sgt. 2 July 14 2 lt. c. a. c. 6 June 16 accepted. 7 June 16 dft. 5 aug. 17 2 lt. 8 c. d. c. 20 sep. 19 1 lt. 31 dec. 19 accepted. 2 Jan. 20	N. Y. 21 oct. 91
<i>Second Lieutenants</i>				
Codding, Geo. Melvin, 20 nov. 17 reserve list. 26 nov. 19	34	.....	2 lt. 22 eng., N. Y. G. 20 nov. 17 2 lt. 8 c. a. c., N. Y. G. 13 mar. 18 accepted. 23 mar. 18	Mass. 12 dec. 86
Girdner, Claude Lester, 17 apr. 18 reserve list. 24 Jan. 19	32	mustered into u. s. ser. 26 June 16 out 2 dec. 17 into 15 July 17 out 23 oct. 17	pvt. co. C, 7 inf., N. G. N. Y. 23 June 16 dft. 5 aug. 17 2 lt. 8 c. a. c., N. Y. G. 17 apr. 18 accepted. 19 apr. 18	Mo. 3 July 88
Stern, Harold, 10 may 18	hqs. co.	.....	pvt. 14 inf., N. Y. G. 23 Jan. 18 2 lt. 8 c. a. c., N. Y. G. 10 may 18 accepted. 15 may 18	Russia 15 mar. 91
West, Lloyd A., 23 may 18 hon. dis. 5 mar. 19	sup. co.	.....	pvt. supply co., 8 c. d. c. 10 sep. 17 2 lt. 8 c. a. c., N. Y. G. 23 may 18 accepted. 27 may 18	N. J. 27 sep. 92

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Continued</i>				
Bremner, John R., 19 june 18 hon. dis. 3 feb. 19	12	.....	2 lt. 8 c. a. c., N. Y. G. 19 june 18 accepted 22 june 18	Scot. 8 nov. 70
Jackson, Edward C., 26 june 18	25	mustered into u. s. a. ser. 15 june 17 2 lt. 6 a. a. batn., 26 june 18 hon. dis. ... 8 mar. 19	pvt. 29 co., 8 c. d. c. ... 6 apr. 17 dft. 5 aug. 17 2 lt. 8 c. d. c. 29 dec. 19 accepted 30 dec. 19	N. Y. 10 july 97
Field, Samuel E., 3 july 18 hon. dis. 13 feb. 19	sup. co.	.....	pvt. depot co. L, 10 inf., N. G. N. Y. 17 july 17 pvt. co. L, 8 c. a. c., N. Y. G. 30 oct. 17 corp. 15 feb. 18 agt. maj. 8 c. a. c., N. Y. G. 14 june 18 2 lt. 8 c. a. c., N. Y. G. 3 july 18 accepted 8 july 18	N. Y. 13 mar. 73
Bayer, Chas. Anthony, 13 sep. 18 reserve list. 19 nov. 19	sup. co.	.....	pvt. 22 eng., N. Y. G. 2 nov. 17 tra. 8 c. a. c., N. Y. G. 13 mar. 18 bat. supply agt. 2 lt. 8 c. a. c., N. Y. G. S. 13 sep. 18 accepted 16 sep. 18	N. Y. 18 feb. 66
Lord, Geo. Martson, 13 dec. 18 reserve list. 29 dec. 19	36	.....	pvt. 22 eng. N. Y. G. 2 nov. 17 tra. 8 c. a. c., N. Y. G. 13 mar. 18 agt. — jan. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 16 dec. 18	Can. 6 july 80
Fowler, Harold Benedict, 13 dec. 18 reserve list. 25 aug. 19	33	.....	pvt. 22 eng., N. Y. G. — nov. 17 tra. 13 co. 8 c. a. c., N. Y. G. 13 mar. 18 sup. agt. 13 mar. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 18 dec. 18	N. Y. 17 mar. 86
Campbell, Archibald Brush, 13 dec. 18 hon. dis. 3 may 19	31	.....	pvt. co. M, 22 eng., N. Y. G. 30 dec. 17 tra. 16 co. 8 c. a. c., N. Y. G. 13 mar. 18 agt. 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 17 dec. 18	N. Y. 1 feb. 91
Ferns, Robert M., 13 dec. 18 hon. dis. 23 apr. 19	28	Plattsburg M. T. camp... 8 aug. 16	pvt. 14 co. 8 c. a. c., N. Y. G. 29 may 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 16 dec. 18	N. Y. 16 oct. 86
Frederick, Rudolph A., 13 dec. 18 hon. dis. 25 aug. 19	30	sep. 1912 to sep. 1915, amb. co. no. 3, u. s. a.	pvt. batty. D, 2 f. a., N. G. N. Y. 27 june 12 on. dis. 27 aug. 12 pvt. 6 co. 8 c. a. c., N. Y. G. 3 sep. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 accepted 23 dec. 18	N. Y. 10 apr. 94
Berger, Albert Hall, 28 dec. 18 reserve list. 30 dec. 19	29	marine cps. 15 may 12 to 15 apr. 15 308 inf. 21 sep. 18 to 2 dec. 18 as 1 agt. and 1 lt.	pvt. 5 co. 8 c. a. c., N. Y. G. 3 may 18 1 agt. 12 june 18 2 lt. 8 c. a. c., N. Y. G. 28 dec. 18 accepted 3 jan. 19	N. Y. 16 nov. 90

COAST ARTILLERY CORPS—EIGHTH COAST DEFENSE COMMAND—(Concl'd)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- cluded</i>				
Redmond, Thomas V., 24 jan. 19	27	.....	pvt. 3 co. 8 c. d. c. 6 aug. 17 sgt. 25 jan. 18 2 lt. 8 c. d. c. 24 jan. 19 accepted. 27 jan. 19	N. Y. 20 may 87
Dowd, Thomas A., 24 may 19	32	.....	pvt. 8 co. 8 c. d. c. 17 june 18 sgt. 13 jan. 19 2 lt. 8 c. d. c. 24 may 19 accepted. 27 may 19	N. Y. 5 dec. 89
Carnegie, David, Jr., 16 july 19	26	pvt. 1 bat. res. div. c. w. s. ... 9 aug. 18 hon. dis... 6 jan. 19	pvt. 2 co. 8 c. d. c. 1 oct. 17 corp. 21 jan. 18 sgt. 27 sep. 18 hon. dis. 9 dec. 18 2 lt. 8 c. d. c. 16 july 19 accepted. 21 july 19	N. Y. 13 apr. 97
Hansen, Howard A., 15 oct. 19	asst. sup. off.	mustered into u. s. ser. 22 july 17 1 lt. c. a. c. hon. dis... 14 jan. 19	pvt. 32 co. 8 c. d. c. 6 june 12 opl. 2 may 13 sgt. 2 july 15 1 cl. gunner. 19 dec. 13 plotter. 26 may 16 2 lt. 8 c. d. c. 30 sep. 16 accepted. 3 oct. 16 dft. 5 aug. 17 2 lt. 8 c. d. c. 15 oct. 19 accepted. 20 oct. 19	N. Y. 27 dec. 93

NINTH COAST DEFENSE COMMAND

Organized as a Depot Battalion and transferred to 8th C. A. C., October 6, 1917. G. O. 45 A. G. O.

Reorganized as 9th Regiment, C. A. C., N. Y. G., by transfer to it of the Veteran Corps of Artillery, October 8, 1917. G. O. 46, A. G. O. Mustered into the New York Guard on dates as follows: Field and Staff, November 19, 1917; Headquarters Company, December 21, 1917; Sanitary Detachment, December 12, 1917; Supply Company, November 19, 1917; 1st Company, November 12, 1917; 2d Company, November 12, 1917; 3d Company, November 12, 1917; 4th Company, November 14, 1917; 6th Company, November 13, 1917; 7th Company, November 15, 1917; 8th Company, November 19, 1917; 11th Company, December 5, 1917 (organized as a Home Defense Unit.)

Fifth Company (Far Rockaway), mustered in October 19, 1917; transferred to 8th C. D. C., October 6, 1917; 10th Company, mustered in January 23, 1918; 5th Company, February 14, 1918; 12th Company, January 23, 1918; 5th Company, February 14, 1918; Machine Gun Company, April 29, 1918; 9th Company, May 2, 1918;

August 7, 1919 (G. O. 22, A. G. O.), designation was changed to Coast Defense Command, and the following changes made:

Headquarters Company mustered out November 6, 1919; Machine Gun Company, November 8, 1919; Supply Company, October 15, 1919; 1st Company to be 13th Company; 2d Company to be 14th Company; 3d Company to be 15th Company; 4th Company to be 16th Company; 5th Company to be 17th Company; 6th Company to be 18th Company; 7th Company to be 19th Company; 8th Company to be 20th Company; 9th Company to be 21st Company; 10th Company to be 22d Company; 11th Company to be 23d Company; 12th Company to be 24th Company.

November 8, 1919 (G. O. 30, A. G. O.), the 24th Company was disbanded; and the 12th Company, 13th C. D. C., assigned as the 24th Company.

The regiment was authorized to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—War against Great Britain, 1812-15: New York Harbor, June 22 to December 15, 1812 (North Battery); New York Harbor, September 2, to December 3, 1814 (West Battery); War of the Rebellion, 1861-65; Harper's Ferry, Va., July 4, 1861; Warrenton Junction, Va., April 6, 1862; Warrenton Junction, Va., April 16, 1862; North Fork River, Va., April 18, 1862; Rappahannock River, Va., May 5, 1862; Cedar Mountain, Va., August 9, 1862; Rappahannock River, Va., August 22, 1862; Rappahannock Station, Va., August 23, 1862; Thoroughfare Gap, Va., August 28, 1862; Bull Run, Va., August 30, 1862; Chantilly, Va., September 1, 1862; South Mountain, Md., September 14, 1862; Antietam, Md., September 17, 1862; Fredericksburgh, Va., December 11-15, 1862; Pollock's Mill Creek, Va., April 29, 1863; Chancellorsville, Va., May 2-3, 1863; Gettysburg, Pa., July 1-4, 1863; Hagerstown, Md., July 12-13, 1863; Liberty, Va., November 21, 1863; Mine Run, Va., November 26 to December 2, 1863; Wilderness, Va., May 5-7, 1864; Spottsylvania Court House, Va., May 1, 1864; Piney Branch Church, Va., May 8, 1864; Laurel Hill, Va., May 10, 1864; Spottsylvania, Va., May 12, 1864; North Anna, Va., May 22, 1864; Totopotomoy, Va., May 27-31, 1864; Cold Harbor, Va., June 1-7, 1864; Spanish-American War, May 2 to November 15, 1898; World War, 1917.

On the State Color.—Execution of George Hart, January 3, 1812; New York Harbor, June 5 to July 28, 1812; West Battery, New York Harbor, May 23 to June 1, 1813; Sag Harbor, L. I., May 1 to August 1, 1814; Brooklyn Heights, August 15, 1814; Brooklyn Heights, October 4, 1814; abolition riot, January 11-12, 1835; great fire, December 17, 1835; police riot, June 16-18, 1857; Dead Rabbit riot, July 5-6, 1857; Orange riot, July 12-13, 1857; West Albany, July 24-28, 1877; Buffalo, August 18-27, 1892; Brooklyn, January 20-24, 1895; Albany, May 17-19, 1901.

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Byrne, John James, 15 may 17 <i>W. D. Cert. in course No. 1 (Basic).</i>	1 lt. 9 N. Y. inf, 2 may 98 cap. 17 aug. 98 to 15 nov. 98 2 lt. 26 u. s. vol., 5 july 99 hon. dis. . . 23 sep. 99 mustered into u. s. ser. 20 july 17 hon. dis. . . 24 jan. 19	pvt. co. H, 7 inf. 13 jan. 90 to 16 july 94 1 lt. co. K, 9 regt. 16 july 94 cap. 20 may 99 s. d. c. to adv. 1 jan. 01 to 31 dec. 04 maj. 9 regt. 14 feb. 02 maj. c. a. c. 23 jan. 08 lt. col. 15 june 12 col. 15 may 17 accepted. 17 may 17 dft. 5 aug. 1. r. l. 15 may 19 col. 9 c. d. c. 6 oct. 19 accepted. 6 oct. 19	N. Y. 13 sep. 71

COAST ARTILLERY CORPS — NINTH COAST DEFENSE COMMAND — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonels</i>				
Thierry, Lewis Marie, 24 may 17 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander).		mustered into u. s. ser. 20 July 17 lt. col. 25 inf. hon. dis. 31 July 19	pvt., tr. A, tra. tr. 1 sq. A, artif. 19 Jan. 95 to 11 dec. 99 1 lt. bat. qm. 9 regt. 11 dec. 99 bat. adj. with o. r. 1 May 00 cap. regt. qm. 7 Nov. 02 regt. adj. with o. r. 14 Aug. 03 cap. c. a. c. 23 Jan. 08 maj. 27 Sep. 12 lt. col. 24 May 17 accepted 26 May 17 dft. 5 Aug. 17 r. l. 20 Aug. 19 lt. col. 9 c. a. c. 18 Oct. 19 accepted 21 Oct. 19	N. Y. 5 sep. 71
DeLafield, Edward C., 30 Sep. 18 reserve list. 8 Oct. 19		v. c. of a. 1 lt., 16 Nov. 16 cap. 26 Mar. 17 maj. 26 May 17	maj. 9 c. a. c. 29 Oct. 17 with rank from 8 Oct. 17 lt. col. 30 Sep. 18 accepted 30 Sep. 18	N. Y. 10 July 77
<i>Majors</i>				
Hodges, William Lemmon, 8 Oct. 17			maj. 29 Oct. 17 with rank from 8 Oct. 17 accepted 2 Nov. 17 1 prov. regt. 7 Aug. 17 to 10 Aug. 18	
Gage, Samuel Edson, 4 June 18 reserve list. 14 Jan. 19		v. c. of a., feb. 1915 to Oct. 1917.	enl. tr. 2, sq. A 25 Apr. 01 corp. 22 May 08 dropped 31 Mar. 10 taken up 29 Aug. 10 sgt. 23 Feb. 12 full and hon. dis. 4 Jan. 15 cap. 9 c. a. c. 8 Oct. 17 maj. 4 June 18 accepted 11 June 18	N. J. 13 July
Hoes, Ernest P., 30 Sep. 18		v. c. of a., July to Oct. 1917.	1 lt. 9 c. a. c. 4 Dec. 17 cap. 28 Feb. 18 maj. 30 Sep. 18 accepted 30 Sep. 18	N. Y. 26 Nov. 76
Keyes, Leonhard Alex- ander, 3 Feb. 19			cap. 9 c. a. c. 11 Dec. 17 maj. 3 Feb. 19 accepted 6 Feb. 19	N. Y. 1 Sep. 86
<i>Captains</i>				
Thebaud, Paul Gibert, 8 Oct. 17 reserve list. 8 Oct. 19	i. s. a. p.	v. c. a. 16 Jan. 00 to cap. 1 Mar. 17	cap. 9 c. a. c. 29 Oct. 17 accepted 31 Oct. 17	N. Y. 23 Feb. 66
Lane, Theodore Twyford, 8 Oct. 17	19		cap. 9 c. a. c. 8 Oct. 17 accepted 2 Nov. 17	
Duffield, Howard, 8 Nov. 17	chap.		cap. 9 c. a. c. 8 Nov. 17 accepted 6 Dec. 17	
Scott, Alfred Irving, 23 Nov. 17	17	v. c. a.	1 lt. 9 c. a. c. 29 Oct. 17 cap. 23 Nov. 17 accepted 28 Nov. 17	N. Y. 10 Oct. 80
Low, Ethelbert Ide, 20 May 18 hon. dis. 31 Aug. 18	13	v. c. a., May, 1917. to 2 lt. Sep. 17	2 lt. 9 c. a. c. 29 Oct. 17 1 lt. 27 Nov. 17 cap. 20 May 18 accepted 22 May 18	N. Y. 25 Apr. 80

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Dos Passos, Louis Hays, 4 june 18	sup. co.	v. c. a. 1905-1917 to 1 lt.	1 lt. 9 c. a. c. 8 oct. 17 cap. 4 june 18 accepted. 7 june 18	N. Y. 3 dec. 76
Murray, Chamley L., 15 july 18 reserve list. . . . 7 nov. 19	.....	mustered into u. s. ser. 26 apr. 98 out 4 sep. 98	seaman 2 div. 1 bat. N. M. N. Y. 22 sep. 98 full and hon. dis. . . . 8 nov. 01 2 lt. 9 c. a. c., N. Y. G. 9 apr. 18 1 lt. 20 may 18 cap. 15 july 18 accepted. 19 july 18	N. Y. 23 sep. 73
Harrison, John T., 16 july 18 hon. dis. 23 aug. 18	19	.....	1 lt. 9 c. a. c. 23 nov. 17 cap. 16 july 18 accepted. 18 july 18	Md.
Kingsbury, Willoughby Joseph, 16 july 18 reserve list. . . . 14 nov. 19	16	v. c. a. mar. 1917 to dec. 1917.	trans. v. c. a. to 9 c. a. c. as 1 sgt. 8 oct. 17 1 lt. c. a. c. 8 oct. 17 cap. 16 july 18 accepted. 19 july 18	Mass. 22 aug. 81
Earle, Victor M., 28 aug. 18	22	.....	pvt. hq. co. 7 inf., N. Y. N. G. 4 apr. 17 hon. dis. 2 june 17 pvt. 10 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 lt. 9 c. a. c., N. Y. G. 4 june 18 cap. 28 aug. 18 accepted. 28 aug. 18	N. Y. 24 may 80
Seward, Frederic Kimber, 28 aug. 18 reserve list. . . . 12 dec. 19	21	.....	pvt. 8 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 9 c. a. c., N. Y. G. 20 may 18 cap. 28 aug. 18 accepted. 28 aug. 18	Del. 27 mar. 78
Cruse, George Edwin, 28 aug. 18 reserve list. . . . 22 oct. 18	18	v. c. a. 8 months. . . .	2 lt. 9 c. a. c. 23 nov. 17 1 lt. 16 jan. 18 cap. 28 aug. 18 accepted. 30 aug. 18	Md. 9 nov. 73
Coolidge, Howard K., 28 aug. 18 reserve list. . . . 2 july 19	24	.....	1 lt. 9 c. a. c. 11 co. 16 jan. 18 cap. 28 aug. 18 accepted. 28 aug. 18	.....
Watjen Louis, 2 oct. 18 reserve list. . . . 6 oct. 19	adj.	1 year 4 mos. in 5 rgt. Uhlans, German army (1897-1899). corp. 98 vice 1 sgt. 99 dis. German army. 07 v. c. a. may 1917 to oct. 1917.	2 lt. 9 c. a. c. 4 dec. 17 1 lt. 20 may 18 cap. 2 oct. 18 accepted. 7 oct. 18	N. Y. 15 july 76
de Villiers-Schwab, Henry Baldwin, 9 oct. 18	14	.....	pvt. 1 co. 9 c. a. c., N. Y. G. 19 july 18 2 lt. 9 c. a. c., N. Y. G. 19 july 18 1 lt. 2 oct. 18 cap. 9 oct. 18 accepted. 15 oct. 18	N. Y. 1 june 87
Owens, William Douglas, 25 oct. 18	18	.....	pvt. 6 co. 9 c. a. c., N. Y. G. 7 oct. 17 1 sgt. 8 oct. 17 2 lt. 9 c. a. c., N. Y. G. 16 jan. 18 1 lt. 11 sep. 18 cap. 25 oct. 18 accepted. 4 nov. 18	3 feb. 89

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Gallagher, Harry Palmer, 19 nov. 18 reserve list.... 27 feb. 19	adj.	.....	pvt. co. G, 13 regt. c. a. c., N. G. 5 mar. 01 corp. 12 june 04 full and hon. dis. 28 may 06 pvt. 1 co. 9 c. a. c., N. Y. G. 8 oct. 17 corp., agt., agt. maj. 1 lt. 9 c. a. c., N. Y. G. 27 july 18 cap. 19 nov. 18 accepted. 22 nov. 18	N. Y. 2 mar. 83
Ericson, Oscar W. G., 18 dec. 18	15	marine cps. 2 july 03 to 7 july 07	2 lt. 9 c. a. c. 6 apr. 18 1 lt. 4 june 18 cap. 18 dec. 18 accepted. 19 dec. 18	Me. 4 mar. 85
Teague, Walter D., 24 jan. 19 reserve list.... 30 june 19	20	v. c. a. july 1 to oct. 8, 1917.	pvt. 8 co. 9 c. a. c. 8 oct. 17 1 lt. 23 nov. 17 cap. 24 jan. 19 accepted. 30 jan. 19	Ind. 18 dec. 84
Wilcox, Burt,	23	marine cps. 25 mar. 07 to 25 mar. 11 30 oct. 11 to 29 oct. 15	pvt. 11 co. 9 c. a. c., N. Y. G. 25 nov. 17 2 lt. 20 may 18 1 lt. 28 aug. 18 cap. 11 feb. 19 accepted. 15 feb. 19	Minn. 23 july 83
Perry, John Moore, 3 mar. 19	13	1 lt. o. d. ... 5 aug. 18 hon. dis. ... 5 feb. 19	cap. 9 c. a. c. 29 oct. 17 with rank from. 8 oct. 17 accepted. 5 nov. 17 hon. dis. 29 june 18 cap. 9 c. a. c. 3 mar. 19 accepted. 5 mar. 19	N. Y. 7 july 80
Lloyd, Francis Guerin, 7 aug. 19 retired. 12 aug. 19	20	.....	pvt. 4 co. 9 c. a. c., N. Y. G. oct. 17 1 lt. 20 aug. 18 cap. 7 aug. 19 accepted. 11 aug. 19	N. J. 26 may 48
Phelps Stokes, James G., 18 dec. 19	adj.	.....	pvt. tr. 2, sq. A, c. a. c. 9 apr. 96 to hosp. cps. 25 may 99 agt. 25 may 99 hosp. stew. 12 dec. 99 full and hon. dis. 27 dec. 01 pvt. 5 co. 9 c. a. c. 8 oct. 17 agt. 26 feb. 18 1 agt. 28 feb. 18 2 lt. 9 c. a. c. 14 mar. 19 1 lt. 23 aug. 19 cap. 18 dec. 19 accepted. 19 dec. 19	N. Y. 18 mar. 72
Leach, Arvine C., 26 dec. 19	16	Ft. Totten train bat. 1916-1917.	pvt. 9 c. a. c. 8 oct. 17 bat. agt. maj. 31 dec. 17 1 lt. 9 c. a. c. 11 feb. 19 cap. 26 dec. 19 accepted. 29 dec. 19	N. Y. 12 jan. 73
First Lieutenants				
Lines, Harry Klapp, 23 nov. 17 reserve list.... 2 apr. 19	bat. adjt.	.....	1 lt. 23 nov. 17 accepted. 28 nov. 17	.....
Hollander, Elmer Rand, 4 dec. 17 reserve list.... 2 july 19	17	3 yrs. in Mass. vol. mil. 1 corps cadets, Boston. — nov. 90 to — nov. 93 v. c. a. — mar. 17 to 8 oct. 17	1 lt. 9 c. a. c. 4 dec. 17 accepted. 6 dec. 17	Mass. 16 aug. 70

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Messenger, Leslie A., 9 apr. 18	bat. adj.	v. c. a. may to oct. 17	pvt. 8 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 14 mar. 18 1 lt. 9 apr. 18 accepted. 10 apr. 18	N. Y. 10 may 83
Crawford, Henry Eames, 19 june 18 reserve list.... 2 apr. 19	bat. adj.	.....	pvt. tr. 6, sq. C. 13 jan. 08 dropped. 7 apr. 08 taken up. 23 nov. 08 corp. 15 may 11 trs. to tr. E, 2 cav. 23 feb. 12 sgt. 3 june 12 full and hon. dis. 20 oct. 13 2 lt. 9 c. a. c. 23 nov. 17 1 lt. 19 june 18 accepted. 24 june 18	N. Y. 9 june 83
Lowther, Wm. Earle, 19 july 18 hon. dis. 14 nov. 19	14	v. c. a. apr. to oct. 17	pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 11 dec. 17 1 lt. 19 july 18 accepted. 26 july 18	Ohio 21 dec. 79
Simpson, Malcolm Douglas, 28 aug. 18	24	.....	pvt. 11 co. 9 c. a. c., N. Y. G. 23 nov. 17 sgt. 6 feb. 18 trs. 12 co, 1 agt. 16 feb. 18 2 lt. 9 c. a. c. 20 may 18 1 lt. 28 aug. 18 accepted. 31 aug. 18	N. Y. 31 dec. 84
Tillinghast, Paul, 25 oct. 18	22	v. c. a. may to sep. 17	pvt. 10 co. 9 c. a. c., N. Y. G. 8 oct. 17 sgt. maj. 21 nov. 17 regt. agt. maj. 2 feb. 18 2 lt. 4 june 18 1 lt. 25 oct. 18 accepted. 8 nov. 18	N. Y. 12 aug. 74
Lane, Alfred Loring, 20 nov. 18 reserve list.... 14 nov. 19	13	.....	2 lt. 2 oct. 18 1 lt. 9 c. a. c., N. Y. G. 20 nov. 18 accepted. 22 nov. 18	N. J. 25 june 83
Howard, Wm. Fiaber, 20 nov. 18 reserve list.... 28 nov. 19	16	.....	pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 corp., agt. 30 nov. 17 sup. agt. — mar. 18 2 lt. 28 aug. 18 1 lt. 20 nov. 18 accepted. 22 nov. 18	N. Y. 14 dec. 87
Sulzer, Jos. Ferdinand, 28 dec. 18	asst. i. s. a. p.	.....	pvt. co. B, 12 inf., N. G. N. Y. 17 nov. 02 corp. 27 nov. 05 agt. 1 apr. 07 f. and h. dis. 5 oct. 08 pvt. co. B, 7 inf., N. G. N. Y. 9 oct. 08 corp. 4 feb. 12 f. and h. dis. 16 nov. 14 re-enl. 17 nov. 14 f. and h. dis. 16 nov. 15 re-enl. 17 nov. 15 hon. dis. 27 sep. 17 pvt. hdq. co. 9 c. a. c., N. Y. G. 16 dec. 18 1 lt. 9 c. a. c. 28 dec. 18 accepted. 2 jan. 19	N. Y. 20 apr. 86

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Callingham, Bernard Ash, 20 jan. 19 reserve list.... 3 sep. 19	m. g. co.	1 Middlesex Life Vols. Mtd. Inf. Co., 1902-1905.	2 lt. 9 c. a. c., N. Y. G. 20 may 18 1 lt. 20 jan. 19 accepted..... 22 jan. 19	Eng. 23 aug.
Ellard, Chas. Henry, 24 jan. 19	21	v. c. a. apr. to aug. 17	pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 sgt. 2 may 18 2 lt. 25 oct. 18 1 lt. 24 jan. 19 accepted..... 25 jan. 19	N. Y. 14 aug. 75
Murray, John R., Jr., 3 feb. 19	24	.....	pvt. 12 co. 13 c. a. c. 7 dec. 17 2 lt. 13 c. a. c. 18 july 18 1 lt. 3 feb. 19 accepted..... 10 feb. 19 to 9 c. a. c. 8 nov. 19	N. Y. 25 dec. 88
Messenger, John, 17 feb. 19	20	.....	2 lt. c. a. c. 23 nov. 17 1 lt. 17 feb. 19 accepted..... 21 feb. 19	N. Y. 13 nov. 77
Foley, William I., 24 feb. 19	23	.....	pvt 11. co. 9 c. a. c. 5 dec. 17 corp. 11 mar. 18 1 sgt. 24 feb. 19 accepted..... 5 mar. 19	N. J. 20 dec. 94
Steinmeyer, Henry G., 28 mar. 19	15	.....	pvt. 3 co. 9 c. a. c. 8 oct. 17 corp. 3 dec. 17 1 sgt. 28 mar. 19 1 lt. 9 c. a. c. 31 mar. 19 accepted.....	N. Y. 21 jan. 86
Sloane, Thomas O'Connor, Jr., 11 dec. 19	16	.....	pvt. 4 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 sgt. 14 nov. 17 2 lt. 3 dec. 18 1 lt. 11 dec. 19 accepted..... 15 dec. 19	N. Y. 26 mar. 79
<i>Second Lieutenants</i>				
Richard, Walter Littauer, 16 jan. 18 reserve list.... 3 feb. 19	bat. adj.	pvt. in v. c. a.	2 lt. 9 c. a. c., N. Y. G. 16 jan. 18 accepted..... 18 jan. 18	N. Y. 27 aug. 86
Plummer, Walter Pierce, 20 may 18	sup. off.	.....	pvt. 7 co. 9 c. a. c., N. Y. G. 8 oct. 17 batn. sup. sgt. 31 dec. 17 dis. 10 may 18 2 lt. 20 may 18 accepted..... 22 may 18	Mass. 9 jan. 73
Smith, Wm. Mandeville, 9 july 18	19	.....	pvt. 7 co. 9 c. a. c., N. Y. G. 8 oct. 17 1 sgt. 9 july 18 2 lt. 11 july 18 accepted.....	N. Y. 23 mar. 87
McNicol, Edw. L., 28 aug. 18 hon. dis. 14 nov. 19	24	.....	2 lt. 9 c. a. c., N. Y. G. 28 aug. 18 accepted..... 4 sep. 18	N. Y. 23 aug. 83
Sedgwick, Robert, 23 oct. 18 hon. dis. 8 july 19	hqrs.	.....	pvt. 2 co. 9 c. a. c., N. Y. G. 8 oct. 17 2 lt. 23 oct. 18 accepted..... 7 nov. 18	N. Y. 12 jan. 59

COAST ARTILLERY CORPS—NINTH COAST DEFENSE COMMAND—(Concl'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Scott, Lester Francis, 25 oct. 18 reserve list.....26 sep. 19	m. g. co.		seaman, 2 batn., 1 div. N. M.....26 apr. 07 f. and h. dis.....6 may 12 2 lt. 9 c. a. c., N.Y.G. 25 oct. 18 accepted.....4 nov. 18	Mich. 25 oct. 83
Houts, Frank Elmer, 6 nov. 18	band ldr.	Mich. N. G., 1879- 1884. col. N. G., 1887-1889.	bd. ldr., 9 c. a. c., N. Y. G.....12 June 18 2 lt. ....6 nov. 18 accepted.....8 nov. 18	Mich. 15 nov. 70
Neumuller, Walter, 20 nov. 18 hon. dis. ....30 apr. 19			pvt. 2 co. 9 c. a. c., N. Y. G.....8 oct. 17 2 lt. ....20 nov. 18 accepted.....23 nov. 18	N. Y. 21 June 86
Schwab, Gustav, 3 dec. 18 reserve list.....15 nov. 19			pvt. 1 co. 9 c. a. c., N. Y. G.....8 oct. 17 corp. ....31 nov. 17 2 lt. ....3 dec. 18 accepted.....5 dec. 18	N. J. 28 July 79
Battelle, Thomas P., 20 Jan. 19	22	1 corps cadets, M. V. M., Boston, 1906 to 1909.	pvt. 10 ea. 9 c. a. c. ....9 June 18 sgt. 2 lt. 9 c. a. c. ....20 Jan. 19 accepted.....24 Jan. 19	Mass. 6 mar. 81
Wood, Walter D., 24 feb. 19	21		pvt. 4 co. 9 c. a. c. ....8 oct. 17 to 9 co. ....June 18 1 sgt. 2 lt. 9 c. a. c. ....24 feb. 19 accepted.....3 mar. 19	N. J. 5 Aug. 88
Cass, William B., 14 mar. 19	23		pvt. 4 co. 9 c. a. c. ....8 oct. 17 corp. ....21 dec. 17 sgt. ....8 Aug. 18 to 11 co. ....13 feb. 19 2 lt. 9 c. a. c. ....14 mar. 19 accepted.....7 apr. 19	Mass. 11 Jan. 74
Rhineland, Thos. J. O., 30 sep. 19 reserve list.....2 oct. 19		v. c. a. 1897 to 1917..	pvt. co. K, 7 inf. ....10 June 75 hon. dis. ....5 Aug. 81 re-enl. ....15 June 86 dropped.....28 May 90 taken up.....19 Dec. 90 dropped.....26 July 94 taken up.....16 Aug. 95 f. and h. dis. ....17 Oct. 95 pvt. 1 co., 9 c. a. c. ....8 oct. 17 col. sgt. ....8 June 18 2 lt., 9 c. d. c. ....30 sep. 19 accepted.....30 sep. 19	N. Y. 5 June 58
Chard, Standish, 29 nov. 19	13		2 lt. 9 c. d. c. ....29 nov. 19 accepted.....4 dec. 19	N. Y. 20 Aug. 80
Emmons, Earl H., 5 dec. 19	18	v. c. arty.—June 17 to 8 Oct. 17	pvt. 6 co. 9 c. a. c., N. Y. G.....8 Oct. 17 sgt. ....11 mar. 18 2 lt. ....11 sep. 18 accepted.....18 sep. 18 re-enl. ....27 feb. 19 2 lt. 9 c. d. c. ....5 dec. 19 accepted.....6 dec. 19	Iowa 23 dec. 88

THIRTEENTH COAST DEFENSE COMMAND

Armory, Corner Jefferson and Simmer Avenues, Brooklyn

Organized as a Depot Battalion, N. G., N. Y., in August, 1917. Designation changed to 13th Coast Artillery Corps, N. Y. G., by G. O. 37, A. G. O., August 3, 1917. Organized as a regiment S. O. 326, A. G. O., December 29, 1917.

12th Company, originally 11th Company, 8th C. A. C., transferred to this regiment by S. O. 284, A. G. O., November 9, 1917.

Mustered into the New York Guard as follows: 1st Company, August 14, 1917; 2nd Company, August 14, 1917; 3d Company September 4, 1917; 4th Company, September 25, 1917; 5th Company, November 20, 1917; 6th Company, November 27, 1917; 7th Company, November 20, 1917; 8th Company, November 27, 1917; 9th Company, December 14, 1917; 10th Company, November 16, 1917; 11th Company, Far Rockaway, October 19, 1917; 12th Company, December 10, 1917; Machine Gun Company, June, 7, 1918.

5th Company, 8th C. D. C., located at Far Rockaway, assigned and designated as the 11th Company, November 9, 1917.

May 29, 1919, station of 11th Company changed to Brooklyn (S. O. 121, A. G. O.).

August 7, 1919 (G. O. 22, A. G. O.), designation changed to Coast Defense Command and assigned to Division, October 6, 1919; Machine Gun. Headquarters and Supply Companies, mustered out, September 8, 1919.

November 3, 1919 (G. O. 30, A. G. O.), 12th Company detached and assigned to 9th Coast Defense Command. New 12th Company mustered in, at Brooklyn, November 17, 1919.

The following companies given Federal recognition by the War Department:

7th Company, June 27, 1919.

1st Company, October 3, 1919.

4th Company, October 3, 1919.

3d Company, October 7, 1919.

5th Company, October 28, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color:

U. S. April 23-August 6, 1861.

U. S. May 28-September 12, 1862.

U. S. June 20-July 20, 1863.

Spanish-American War, 1898.

World War 1917.

On the State Color:

Draft riots, 1863.

Orange Riots, 1871.

Railroad Riots, 1877.

Buffalo, 1892.

Fire Island, 1892.

Brooklyn, 1895.

COAST ARTILLERY CORPS — THIRTEENTH COAST DEFENSE COMMAND

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Grant, Sydney,	mustered into u. s.	pvt., corp., qm. sgt.	Ill.
29 apr. 15		ser. 23 July 17	co. D, 13 regt. 2 aug. 81	12 oct.
bvt. lt. col. 21 June 18		59 c. a. c.	hon. dis. 22 nov. 88	62
W. D. Cert. in course		hon. dis. 16 June 19	re-enlisted. 22 nov. 88	
Nos. 1 (Basic), 2			cap. 23 sep 95	
(Emplacement Officer),			supn. 16 May 98	
3 (Range and Commu-			assigned duty with	
nication Officer) and 4			13 regt. 21 May 98	
(Battery Commander),			relieved. 28 Nov. 98	
5 (Search Light Officer),			assigned duty with	
6 (Fire and Battle Com-			13 regt. 24 Dec. 98	
mander).			cap. (D) 6 Feb. 99	
LEGION OF HONOR,			recommissioned. 12 May 03	
4 apr. 19			cap. c. a. c. 23 Jan. 08	
CITATION .. 19 apr. 19			ma). 15 Mar. 09	
			lt. col. 29 Apr. 15	
			accepted. 4 May 15	
			col. 21 June 16	
			accepted. 24 June 16	
			dft. 5 Aug. 17	
			r. l. 12 June 19	
			col. 13 c. d. c. 13 Sep. 19	
			accepted. 13 Sep. 19	

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonels</i>				
Pendry, Bryer Hamilton, 20 July 16 W. D. Cart. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander).		mustered into u. s. a. ser. 23 July 17 58 and 59 c. a. c. hon. dis. ... 16 dec. 18	pvt., corp., co. F, 13 regt. 19 mar. 95 to 16 may 98 hon. dis. 16 may 98 pvt. co. F, 13 regt., trs. co. H, agt. 12 dec. 98 to 31 jan. 00 2 lt. 31 jan. 00 cap. 23 apr. 02 cap. c. a. c. 23 jan. 08 maj. 8 sep. 09 lt. col. 20 July 18 accepted. 21 July 18 dft. 5 aug. 17 lt. col. 13 c. d. c. 11 oct. 19 accepted. 17 oct. 19	Can. 7 dec. 75
Babeock, Edwin Gates, 29 July 18 reserve list.... 3 Feb. 19			pvt. tr. C. 12 apr. 97 trs. to tr. CC. 13 June 98 lance corp. 25 June 98 trs. to tr. C. 16 nov. 98 hon. dis. 16 Jan. 99 pvt. co. F, 13 regt. 17 feb. 99 corp. 16 mar. 99 sgt. 1 mar. 00 1 sg. 27 June 01 1 lt. 29 July 02 cap. (B), 13 regt. 10 may 07 cap. c. a. c. 23 Jan. 08 with rank from. 10 may 07 resigned. 17 June 12 r. l. 17 sep. 17 cap. 13 c. d. c. 5 sep. 17 maj. 2 Jan. 18 lt. col. 29 July 18 accepted. 5 aug. 18	N. Y. 10 nov. 76
Dean, Frank, 9 June 19 reserve list.... 10 sep. 19			pvt., corp., co. A, 13 regt. 3 Jan. 95 to 16 may 98 pvt. co. A, 13 regt. 31 may 98 to 28 nov. 98 pvt., corp., co. A, 13 regt. 29 nov. 98 to 15 aug. 00 2 lt. (A), 13 regt. 15 aug. 00 1 lt. 28 dec. 03 resigned. 10 nov. 05 1 lt. (E), 13 regt. with o. r. 29 nov. 05 cap. (A) 22 June 06 cap. c. a. c. 23 Jan. 08 resigned. 15 June 15 r. l. 27 June 16 cap. 13 c. d. c. 5 sep. 17 maj. 20 dec. 17 lt. col. 31 Jan. 18 accepted. 5 feb. 18 full and hon. dis. 19 July 18 lt. col. 13 c. d. c. 9 June 19 accepted. 10 June 19	N. Y. 10 sep. 71

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Majors				
Orr, Robert Peebles, 20 aug. 15 W. D. Cert. in course Nos. 1 (Basic), 2 (Em- placement Officer), 3 (Range and Communi- cation Officer), 4 (Bat- tery Commander), 5 (Searchlight Officer) and 6 (Fire and Battle Commander).		mustered into u. s. ser..... 23 July 17 hon. dis... 6 mar. 19	pvt., corp., agt., 1 agt. co. D, 13 regt. 29 nov. 92 hon. dis. 16 may 98 pvt., 1 agt., co. D, 13 regt. 13 dec. 98 to 9 may 02 pvt. 24 may 98 hon. dis. 28 nov. 98 2 lt. 9 may 02 1 lt. 19 dec. 02 cap. c. a. c. 28 may 08 maj. 20 aug. 15 accepted. 28 aug. 15 dft. 5 aug. 17 maj. 13 c. d. c. 4 oct. 19 accepted. 6 oct. 19	Ire. 29 may 71
Murray, Edward George, 2 jan. 18			pvt. co. A, 2 inf. 11 jan. 00 dropped. 21 nov. 03 taken up. 7 may 04 dropped. 8 apr. 05 taken up, tra. 17 co. c. a. c. 22 may 08 2 lt. c. a. c. 24 jan. 10 with rank from. 14 jan. 10 1 lt. 19 july 10 with rank from. 15 july 10 cap. 1 apr. 12 resigned. 10 feb. 14 cap. 9 c. a. c., N. Y. G. 5 sep. 17 maj. 2 jan. 18 maj. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted. 3 oct. 19	N. Y. 23 mar. 79
Shinn, Charles Patterson, 20 feb. 18 reserve list.... 10 sep. 19		1 agt. co. L, 22 regt. N. Y. vols., 24 may 98 to 23 nov. 98	pvt. co. A, 22 regt. 10 dec. 88 corp. 20 mar. 91 agt. 26 june 93 hon. dis. 1 may 94 pvt. co. C, 13 regt. 2 jan. 96 corp. 10 nov. 96 agt. 12 oct. 97 2 lt. 11 mar. 99 1 lt. 15 june 99 full and hon. dis. 14 nov. 00 r. l. 23 july 17 1 lt. 13 c. d. c. 5 sep. 17 cap. 26 dec. 17 maj. 20 feb. 18 accepted. 23 feb. 18	N. J. 1 oct. 69
MacDwyer, Patrick S., 7 aug. 18 f. and h. dis. 24 jan. 19		corp. 69 u. s. vols., 2 may 98 to 30 nov. 98 mustered into u. s. ser..... 8 july 16 out 9 mar. 17	pvt. co. I, 69 inf. 12 may 96 corp. 1 may 99 agt. 22 nov. 99 regtl. agt. maj. 9 may 09 2 lt. 5 july 16 1 lt. 25 oct. 16 hon. dis. 18 apr. 17 1 lt. 13 c. a. c. 15 nov. 17 cap. 4 dec. 17 maj. 7 aug. 18 accepted. 9 aug. 18	Ire. 26 jan. 74
Roehaler, John Leonard, 20 mar. 19 reserve list.... 21 june 19			pvt. co. E, 13 regt. 17 sep. 95 full and hon. dis. 8 june 00 pvt. 23 regt., co. G. 17 dec. 00 dis. 1 mar. 02 pvt. 10 co. 13 c. a. c. 16 nov. 17 1 lt. 13 c. a. c. 4 dec. 17 cap. 20 may 18 maj. 20 mar. 19 accepted. 24 mar. 19	N. Y. 3 july 71

COAST ARTILLERY CORPS—18TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains</i>				
Boynton, Nehemiah, 7 June 12	chap.	mustered into u. s. ser. 23 July 17	chaplain, c. a. c. 7 June 12 accepted 12 June 12 dft. 5 Aug. 17 cap. 13 c. d. e. 14 Nov. 19 accepted 20 Nov. 19	Mass. 21 Nov. 56
Kerby, Frank Edgar, 31 May 17	un- as- signed	mustered into u. s. ser. 23 July 17 q. m. coast def. to gen. staff. — Apr. 18 hon. dis. 18 Apr. 19	pvt. co. K, 13 inf. 27 Dec. 94 corp. 23 Aug. 99 sgt. 19 May 03 1 sgt. 27 Dec. 04 sgt. maj. 8 May 11 full and hon. dis. 26 Dec. 14 pvt. 22 Jan. 15 full and hon. dis. 21 Jan. 16 2 lt. c. a. c. 2 Feb. 16 cap. 1 May 17 accepted 1 June 17 dft. 5 Aug. 17 r. l. 24 July 19 cap. 13 c. d. e. 4 Oct. 19 accepted 24 Oct. 19	N. Y. 17 May 73
Wahle, William Carl Gross, 27 Nov. 17 <i>W. D. Cert. in course No. 1 (Basic).</i>	12	mustered into u. s. ser. 23 July 17 cap. c. a. c. 27 Nov. 17 hon. dis. 1 Aug. 19	pvt., corp., qm. agt. 12 co. c. a. c. 28 Feb. 11 to 20 Apr. 14 2 lt. c. a. c. 20 Apr. 14 1 lt. 21 Oct. 15 accepted 25 Oct. 15 dft. 5 Aug. 17 cap. 13 c. d. e. 8 Sep. 19 accepted 11 Sep. 19	N. Y. 15 Jan. 92
Dwinell, George W. L., 27 Nov. 17 <i>W. D. Cert. in course No. 1 (Basic) and 2 (Emplacement Officer).</i>	un- as- signed	mustered into u. s. ser. 23 July 17 cap. c. a. c. 27 Nov. 17 hon. dis. 7 Aug. 19	pvt., corp., agt., 1 class gunner, plot-ter, 4 co. c. a. c. 4 May 09 to 18 May 14 2 lt. c. a. c. 18 May 14 1 lt. 25 Oct. 15 accepted 26 Oct. 15 dft. 5 Aug. 17 r. l. 19 Sep. 19 cap. 13 c. d. e. 4 Oct. 19 accepted 23 Oct. 19	N. Y. 10 Nov. 76
Clark, John Lewis, 2 Jan. 18 reserve list. 10 Nov. 19	chap.		cap. 13 c. a. c., N. Y. G. 2 Jan. 18 accepted 8 Jan. 18	Ill. 27 Aug. 65
Vickers, Charles William, 31 Jan. 18 reserve list. 25 Aug. 19	i. s. a. p.		enl. 13 regt. N. G. N. Y. 21 Dec. 91 corp. 20 Mar. 95 ret. to ranks 25 Jan. 98 full and hon. dis. 16 May 98 re-enlisted h. a. N. G. N. Y. 23 Jan. 99 corp. 1 June 00 full and hon. dis. 4 Sep. 00 re-enlisted co. B, 13 regt. 23 Nov. 01 qm. agt. 30 Apr. 01 full and hon. dis. — 01 re-enlisted 1 co. 13 c. a. c. 31 July 17 2 lt. 4 co. 2 Jan. 18 cap. i. s. a. p. 31 Jan. 18 accepted 5 Feb. 18	N. Y. 10 pr. 71

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Hardmeyer, Joseph Grover, 31 jan. 18	5	.....	pvt. 12 co. c. a. c. 17 jan. 05 corp. 10 may 10 sgt. 24 may 10 1 sgt. 23 may 11 1 class gunner. 13 june 11 2 lt. c. a. c. 10 june 12 resigned. 2 jan. 15 1 lt. 13 c. d. 6 july 15 resigned. 1 nov. 15 r. l. 30 aug. 17 2 lt. 13 c. a. c. 5 sep. 17 1 lt. 20 nov. 17 cap. 13 c. a. c., N. Y. G. 31 jan. 18 N. G. 28 oct. 19 accepted. 28 oct. 19	Ohio 104 may 86
White, Henry D., Jr., 12 mar. 18	adj.	.....	enlisted 13 c. a. c. 15 oct. 12 dropped. 23 mar. 15 taken up. 22 june 16 corp. 25 july 16 hon. dis. 22 july 17 re-enlisted 13 c. a. c. 7 aug. 17 sgt. 30 oct. 17 hon. dis. 7 dec. 17 2 lt. 13 c. a. c. 4 dec. 17 1 lt. 2 jan. 18 cap. 12 mar. 18 accepted. 15 mar. 18 r. l. 13 sep. 19 cap. 13 c. d. c. 20 sep. 19 accepted. 23 sep. 19	N. Y. 13 may 94
Barrett, Louis Stanley, 21 mar. 18	3	trumpeter, tr. C, N. Y. cav. ... 2 may 98 to 25 nov. 98	pvt., co. I, 13 regt., tra. co. G, f. m., tra. co. C, tra. co. G, tra. to band, agt. 30 jan. 91 to 5 mar. 02 2 lt. c. a. c. 28 june 11 resigned. 21 july 15 r. l. 8 june 16 2 lt. 13 c. a. c. 18 sep. 17 1 lt. 20 nov. 17 cap. 13 c. d. c., N. Y. G. 21 mar. 18 cap. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted. 6 oct. 19	N. Y. 14 feb. 74
Mills, Clarence, 8 apr. 18 f. and h. dis. ... 22 jan. 19	5	.....	pvt. 5 co. c. a. c. 17 nov. 08 corp. 24 jan. 10 sgt. 7 may 12 2 lt. c. a. c. 7 dec. 12 1 lt. 26 jan. 14 resigned. 2 oct. 14 r. l. 15 june 15 1 lt. 13 c. a. c. 5 sep. 17 cap. 8 apr. 18 accepted. 10 apr. 18	N. Y. 104 july 83

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Young, Daniel F., Jr., 8 apr. 18	4	.....	pvt. 3 co. c. a. c. 12 sep. 03 corp. 11 July 05 hon. dis. 24 sep. 07 2 lt. 13 sep. 07 assigned to duty 3 co. c. a. c. 24 sep. 07 resigned. 21 Jan. 09 2 lt. 13 c. a. c. 11 Oct. 17 1 lt. 4 Dec. 17 cap. 13 c. d. c., N. Y. G. 8 apr. 18 cap. 13 c. d. c., N. Y. 30 sep. 18 N. G. 30 sep. 18 accepted. 3 Oct. 19	11 Jan. 85
Planco, Vincent Norris, 10 May 18 reserve list. 10 Nov. 19	11	1 lt. batty. F, 5 arty., — apr. 98 to — apr. 01 Santiago-Phillipine eng., 1899-1900. China relief expedi- tion, 1900-1901.	pvt. co. F, 22 inf. 2 apr. 97 to 7 Feb. 99 1 lt. 13 c. a. c. 5 sep. 17 cap. 10 May 18 accepted. 17 May 18	N. Y. 16 June 79
Shaw, Albert Embree, 20 June 18 reserve list. 10 Sep. 19	8	.....	pvt. co. B, 13 regt. 8 mar. 04 corp. 23 Dec. 04 sgt. 30 Oct. 05 2 lt. 13 regt. 3 June 07 2 lt. c. a. c. 23 Jan. 08 with rank from. 3 June 07 resigned. 10 June 12 r. l. 1 Sep. 17 1 lt. 13 c. a. c. 5 Sep. 17 cap. 20 June 18 accepted. 24 June 18	N. Y. 7 Sep. 84
Kemble, William H., 20 June 18 reserve list. 20 Feb. 19	6	.....	enlisted 23 inf. 1 Sep. 04 dis. 27 Dec. 09 2 lt. 13 c. a. c. 26 Dec. 17 1 lt. 21 Mar. 18 cap. 20 June 18 accepted. 22 June 18	Del. 13 Apr. 86
Duffy, Henry S., 20 June 18 reserve list. 10 Sep. 19	2	.....	enl. co. B, 13 regt. inf. 20 Nov. 97 hon. dis. 16 May 98 re-enlisted co. B, 13 regt. inf. 30 June 99 batt. B, 13 h. a. corp. 1 Mar. 00 sgt. 19 Nov. 03 full and hon. dis. 12 Sep. 05 re-enlisted. 27 Mar. 06 sgt. 18 June 06 1 agt. 14 May 09 full and hon. dis. 30 Apr. 12 re-enlisted. 10 Aug. 17 1 agt. 28 Sep. 17 full and hon. dis. 4 Dec. 17 2 lt. 2 co. 13 c. a. c. 4 Dec. 17 1 lt. 31 Jan. 18 cap. 20 June 18 accepted. 24 June 18	Conn. 18 Jan. 79
Fisher, Lyman Jackson, 20 June 18 reserve list. 13 June 19	m. g. co.	.....	pvt. co. G, 1 regt. 26 Apr. 98 dropped. 6 Mar. 99 2 lt. 10 co. 13 c. a. c. 4 Dec. 17 1 lt. 12 Mar. 18 cap. 20 June 18 accepted. 27 June 18	N. Y. 23 Feb. 77

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Martin, Charles Currie, 18 dec. 18 f. and h. dis. . . . 28 nov. 19	1	.....	enlisted. 25 feb. 02 corp. 28 june 04 sgt. 17 may 07 dis. 21 dec. 15 re-enlisted. 22 dec. 15 full and hon. dis. . . . 16 july 17 2 lt. 13 c. a. c. 4 dec. 17 1 lt. 31 jan. 18 cap. 18 dec. 18 accepted. 23 dec. 18	N. Y. 17 apr. 85
Dunne, William Joseph, 3 dec. 18 reserve list. . . . 10 sep. 19	9	.....	enl. Pvt. 4 co. 13 g. a. c. 5 june 06 corp. 1 june 09 sgt. 7 may 12 f. and h. dis. 14 apr. 14 Pvt. 13 c. a. c. 3 july 17 sgt. 4 dec. 17 2 lt. 13 c. a. c., N. Y. G. 12 mar. 18 1 lt. 11 june 18 cap. 2 dec. 18 accepted. 5 dec. 18	N. Y. 24 dec. 86
Morrison, Chas. Robt., 3 feb. 19	.....	.....	Pvt. 1 co. 13 c. a. c. . . . 17 dec. 17 2 lt. 15 c. a. c. 15 feb. 18 cap. 3 feb. 19 accepted. 6 feb. 19	N. Y. 18 july 90
Dutcher, Charles R., 6 feb. 19 reserve list. . . . 10 sep. 19	.....	.....	Pvt. 9 c. a. c. 8 oct. 17 hon. dis. 8 oct. 17 Pvt. 10 co. 13 c. a. c. . . 16 nov. 17 corp. 18 dec. 17 sgt. 8 apr. 18 2 lt. 13 c. a. c. 11 june 18 1 lt. 28 aug. 18 cap. 13 c. a. c. 6 feb. 19 accepted. 10 feb. 19	Conn. 5 june 83
Shean, Chauncey Clark, 26 feb. 19 reserve list. . . . 10 sep. 19	10	.....	Pvt. 6 co. 13 c. a. c. . . 13 apr. 18 corp. 18 apr. 18 1 sgt. 8 apr. 18 2 lt. 13 c. a. c. 11 june 18 1 lt. 4 dec. 18 cap. 26 feb. 19 accepted. 3 mar. 19	N. Y. 3 oct. 81
Lynch, Wm. Alonso, 26 feb. 19 reserve list. . . . 19 may 19	6	Pvt. 31 july 17 sgt. 28 sep. 17 bt. sgt. maj. 2 oct. 17	co. M, 13 c. a. c. . . . 1 april 02 corp. 26 may 03 sgt. n. c. s. 29 nov. 04 dis. 7 jan. 08 1 lt. 12 c. d. c. 24 jan. 18 cap. 26 feb. 19 accepted. 3 mar. 19	N. Y. 5 nov. 80
Riehl, Edward John, 27 june 19	7	sgt. 1 sgt. 2 lt. 1918— 1919, camp Upton.	2 lt. 13 c. d. c. 24 jan. 19 1 lt. 3 apr. 19 cap. 13 c. d. c. N. Y. N. G. 27 june 19 accepted. 11 aug. 19	N. Y. 1 feb. 92
Patterson, Edward Walter, 18 oct. 19	6	mustered into u. s. a. ser. 23 july 17 hon. dis. 30 nov. 18	Pvt. co. B, 47 inf. . . . 28 apr. 02 hon. dis. 7 feb. 10 Pvt., qm. sgt., co. D. 14 aug. 11 to 11 may 14 2 lt. c. a. c. 11 may 14 1 lt. c. a. c. 15 june 16 accepted. 16 june 16 dft. 5 aug. 17 cap. 13 c. a. c. 18 oct. 19 accepted. 23 oct. 19	N. Y. 30 apr. 83

COAST ARTILLERY CORPS—18TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Concluded</i>				
Lumphries, John D., 18 oct. 19	11	co. c, 5 inf. Ga., 20 mar. 00 to 17 feb. 03 pvt., corp., Sgt., 23 mar. 03 to 5 aug. 08 pvt., corp., Sgt. and 1 Sgt. 69 co., c. a. c., u. s. a. . . 10 aug. 08 to 20 feb. 11 pvt., corp., co. B, 5 u. s. inf., 21 feb. 11 and Sgt. instr., to 17 jan. 14 mustered into u. s. ser. . . . 23 July 17 1 lt. c. a. c. 18 nov. 17 hon. dis. . . 14 oct. 19	pvt. 11 co., c. d. c. . . 11 mar. 15 Sgt. 18 mar. 15 dis. 21 may 17 2 lt. 18 may 17 accepted. . . . 21 may 17 cap. 13 c. d. c. . . 18 oct. 19 accepted. . . . 23 oct. 19	Ga. 12 nov. 83
Clibson, Walter Livingstone, 28 nov. 19 W. D. Cert. in course Nos. 1 (Basic), 2 (Emplacement Officer) and 3 (Range and Communication Officer)	1	mustered into u. s. ser. . . . 23 July 17 59 c. a. c., hon. dis., 3 sep. 19	pvt., corp., Sgt., co. A, 13 inf. 4 oct. 00 to 27 June 08 1 lt., 13 inf. 27 June 08 1 lt. c. a. c. 23 Jan. 08 dft. 5 aug. 17 r. l. 2 oct. 19 1 lt. 13 c. d. c., N. Y. G. 24 oct. 19 cap. 13 c. d. c., N. Y. N. G. 28 nov. 19 accepted. . . . 1 dec. 19	N. Y. 20 feb. 77
<i>First Lieutenants</i>				
MacEnroe, John W., 19 dec. 17 f. and h. dis. . . 28 nov. 19	5	2 lt. 112 h. f. a., 4 July 17 1 lt. 19 dec. 17 1 lt. a. s., hon. dis., 28 May 19	pvt. 12 co. 13 c. a. c. . 3 mar. 08 corp. 2 feb. 09 Sgt. 24 May 10 hon. dis. . . . 13 feb. 12 1 lt. 13 c. a. c. . . . 16 July 19 1 lt. 13 c. a. c., N. Y. N. G. 28 oct. 19 accepted. . . . 28 oct. 19	N. Y. 26 June 89
Wilde, George Morris, 2 Jan. 18 reserve list. . . 6 June 19	bat. adj.		pvt. 10 co. 18 c. d. c. . 16 nov. 17 Sgt. 18 dec. 17 pvt. 10 bat. vet. corps 2 July 17 hon. dis. . . . 8 oct. 17 1 lt. 13 c. a. c. . . . 2 Jan. 18 accepted. . . . 8 Jan. 18	N. Y. 17 July 81
Serr, Daniel F., 12 Apr. 18	asst. adj.	enl. co. L, 22 regt. N. Y. vols. . 24 May 98 mustered out, 23 Nov. 98	enl. co. K, 13 regt. . . 26 June 94 mustered out. . . . 16 May 98 2 lt. 13 c. a. c. . . . 7 Nov. 17 1 lt. 12 Apr. 18 accepted. . . . 15 Apr. 18	N. Y. 6 July 75
Lyon, Charles Frederick, 11 June 18 reserve list. . . 19 May 19	11	enl. 47 N. Y. vols., 2 May 98 mustered into fed. ser. Porto Rico; must- ered out regt. 31 Mar. 99	pvt. co. D, 47 inf. . . 5 May 97 dropped. 24 Apr. 99 2 lt. c. a. c. 19 Dec. 17 1 lt. 11 June 18 accepted. 14 June 18	N. Y. 5 June 80
Goepel, Percy Ralph, 11 June 18 reserve list. . . 10 Nov. 19			2 lt. 13 c. a. c. . . . 2 Jan. 18 1 lt. 11 June 18 1 lt. 13 c. a. c., N. Y. N. G. 30 Sep. 19 accepted. . . . 6 Oct. 19	N. Y. 11 Nov. 79
Spence, Henry L., 21 Aug. 18 reserve list. . . 20 Feb. 19			enl. co. E, 22 regt., N. Y. N. G. 17 Mar. 90 dis. 15 May 95 2 lt. 13 c. a. c. . . . 17 Jan. 18 1 lt. 21 Aug. 18 accepted. . . . 28 Aug. 18	N. Y. 19 June 70

COAST ARTILLERY CORPS—18TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Con- tinued</i>				
Ross, James Munro, 6 nov. 18 f. and h. dis. . . . 4 dec. 19	7	mustered into u. s. ser. 23 July 17 1 lt. c. a. c. . . . 6 nov. 1 hon. dis. . . . 4 mar. 19	pvt. 1 co. c. a. c. 22 Jan. 07 f. and h. dis. 9 mar. 15 8re-enlisted. 10 mar. 15 corp. 25 May 15 2 cl. gunner. 26 July 16 2 lt. c. a. c. 27 July 16 accepted. 5 Aug. 17 dft. 19 May 16 1 lt. 13 c. a. c., N. Y. G. 19 1 lt. 13 c. a. c., N. Y. N. G. 27 June 19 accepted. 14 Aug. 19	N. Y. 6 June 5 91
Guerin, Evariste Ann, 4 dec. 18 reserve list. . . . 13 mar. 19	9		pvt. co. G, 13 regt. 13 mar. 06 dropped. 10 sep. 07 pvt. 2 co. 13 c. a. c. 14 aug. 17 corp. 30 oct. 17 sgt. 4 dec. 17 2 lt. 14 may 18 1 lt. 4 dec. 18 accepted. 5 dec. 18	N. Y. 3 oct. 84
Purcell, Robert M., 5 dec. 18	1		pvt. 11 co. 13 c. a. c. 17 may 01 corp. 19 jan. 07 sgt. 13 may 10 2 lt. 13 c. a. c. 12 mar. 18 1 lt. 5 dec. 18 1 lt. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted. 6 oct. 19	Md. 7 nov. 80
Schlieper, Ernest William, 5 dec. 18 reserve list. . . . 10 sep. 19			pvt. 8 co. 13 regt. 29 may 05 f. and h. dis. 14 mar. 11 pvt. 8 co. 25 jan. 18 2 lt. 12 apr. 18 1 lt. 5 dec. 18 accepted. 9 dec. 18	N. Y. 28 may 85
Carter, Theodore, 6 jan. 19 hon. dis. 22 July 19			pvt. 3 co. 13 c. a. c. N. Y. G. 11 sep. 17 corp. 3 dec. 17 2 lt. 13 c. a. c. 12 mar. 18 1 lt. 6 jan. 19 accepted. 27 jan. 19	Mass. 29 oct. 82
Buckley, William D., 26 feb. 19 reserve list. . . . 10 sep. 19	6		pvt. 12 co. 13 c. a. c. 7 jan. 13 sgt. 29 may 14 1 cl. gunner. 25 junc 13 dis. 18 jan. 16 enl. 13 c. a. c., N. Y. G. 2 oct. 17 sgt. 30 oct. 17 2 lt. 13 c. a. c. 12 mar. 18 1 lt. 26 feb. 19 accepted. 3 mar. 19	N. Y. 19 oct. 87
Pulis, Earl Bryant, 28 may 19	11		pvt. 13 c. d. c., N. G. N. Y. 13 may 02 dropped. 1 July 05 pvt. 1 co. 13 c. a. c. 3 aug. 17 corp. 28 oct. 17 sgt. 4 dec. 17 1 sgt. 12 mar. 18 2 lt. 13 c. a. c. 18 dec. 18 1 lt. 13 c. d. c., N. Y. N. G. 28 may 19 accepted. 2 june 19	Pa. 26 dec. 84
Botting, Leonard P., 16 sep. 19 reserve list. . . . 22 oct. 19	9	o. t. c. Ft. Monroe, 2 lt. 21 oct. 18 to 10 jan. 19	2 lt. 13 c. a. c. 19 may 19 1 lt. 16 sep. 19 accepted. 29 sep. 19	N. J. 23 june 97

COAST ARTILLERY CORPS — 13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Continued</i>				
Alexanderson, Walter P., 14 nov. 19	8	mustered into u. s. ser. 16 july 17 2 lt. c. a. c. 24 july 18 hon. dis. 23 oct. 19	pvt. 8 co. 13 c. d. e. . . . 17 oct. 11 1 cl. gunner 17 apr. 12 corp. 2 july 12 plotter 24 june 14 f. and h. dis. 17 nov. 14 re-enl. and warrant cont. 24 nov. 14 sgt. 18 apr. 16 dft. 5 aug. 17 1 lt. 13 c. d. e. 14 nov. 19 accepted 17 nov. 19	N. Y. 2 june 90
Kiefer, Henry C., 14 nov. 19	4	mustered into u. s. ser. 15 july 17 2 lt. f. a. 30 sep. 18 hon. dis. 9 jan. 19	pvt. 4 co. 13 c. d. e. . . . 18 may 15 hon. dis. 3 june 17 re-enl. 3 july 17 dft. 5 aug. 17 2 lt. 13 c. d. e. N. Y. G. 18 oct. 19 1 lt. 13 c. d. e., N. Y. 14 nov. 19 N. G. 21 nov. 19 accepted 21 nov. 19	N. Y. 25 june 95
Williams, Raymond E., 15 nov. 19	9	mustered into u. s. ser. 23 july 17 corp. 59 c. a. c., 25 aug. 18 2 lt. c. a. c. 21 apr. 19 hon. dis. 4 sep. 19	pvt. 1 co. 13 c. d. e. . . . 10 july 17 dft. 5 aug. 17 1 lt. 13 c. d. e. 15 nov. 19 accepted 17 nov. 19	N. Y. 26 july 96
Barron, Eric S., 21 nov. 19	11	mustered into u. s. ser. 23 july 17 2 lt. c. a. c. and att. to c. d. of New Orleans. 26 june 18 to 36 co. c. a. c., 25 sep. 18 hon. dis. 10 dec. 18	pvt. 8 co. 13 c. d. e. . . . 1 may 17 dft. 5 aug. 17 2 lt. 13 c. d. e. 17 july 19 1 lt. 13 c. d. e. 21 nov. 19 accepted 8 dec. 19	N. J. 10 apr. 97
Edgerton, Benjamin M., 2 dec. 19	5	2 lt. a. s. 21 nov. 17 co. 655 a. s., hon. dis. 26 july 19	pvt. 12 co. 13 c. a. c. . . . 22 oct. 07 f. and h. dis. 21 nov. 11 re-enl. 12 dec. 11 f. and h. dis. 24 feb. 14 re-enl. 25 july 16 to 11 co. 10 oct. 16 hon. dis. 14 june 17 2 lt. 13 c. d. e. N. Y. G. 28 aug. 19 2 lt. 13 c. d. e. N. Y. 28 oct. 19 N. G. 2 dec. 19 1 lt. 2 dec. 19 accepted 3 dec. 19	N. Y. 16 aug. 90
Wahle, Clarence W., 4 dec. 19	aast. adj.	mustered into u. s. ser. 15 july 17 batty F, 59 c. a. c. 15 jan. 18 hon. dis. as sgt., 1919.	pvt. 12 co. 13 c. d. e. . . . 2 mar. 16 to n. g. r. 5 july 16 dft. 5 aug. 17 2 lt. 13 c. d. e., N. Y. G. 19 may 19 2 lt. 13 c. d. e., N. Y. 27 june 19 N. G. 4 dec. 19 1 lt. 9 dec. 19 accepted 9 dec. 19	N. Y. 22 Feb. 98
Mackey, John J., 5 dec. 19	aast. adj.	mustered into u. s. ser. 23 july 17 to batty. F, 59 c. a. c., corp. 32 c. a. c. 26 june 18 2 lt. c. a. c. 1 nov. 18 hon. dis. 24 jan. 19	pvt. 12 co. 13 c. d. e. . . . 5 apr. 17 dft. 5 aug. 17 1 lt. 13 c. d. e. 5 dec. 19 accepted 8 dec. 19	N. Y. 31 mar. 92

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Concluded</i>				
Zimmerman, Emil C., 31 dec. 19	7	mustered into u. s. ser. 23 July 17 to batty. E, 59 c. a. c., — mar. 18 1 sgt. 10 mar. 18 2 lt. f. a. 25 sep. 18 hon. dis. 31 mar. 19	pvt. 7 co. 13 c. d. c. 17 feb. 15 corp. 16 nov. 15 sgt. 20 June 16 dft. 5 aug. 17 1 lt. 13 c. d. c., N. Y. N. G. 31 dec. 19 accepted. 9 June 20	N. Y. 2 sep. 95
<i>Second Lieutenants</i>				
Nicholson, Harvey Fuller, 11 June 18 reserve list. 10 sep. 19	3		pvt. co. C, 13 c. a. c., N. G. N. Y. 29 dec. 04 dropped. 24 Jan. 11 pvt. 4 co. 11 sep. 17 corp. 3 dec. 17 sgt. maj. 23 apr. 18 2 lt. 11 June 18 accepted. 14 June 18	N. Y. 26 sep. 85
Shoemaker, Richard, Jr., 2 July 18 reserve list. 20 oct. 19	band leader		pvt. band, 13 c. a. c. 11 feb. 02 corp. 4 feb. 08 sgt. 8 feb. 10 music. 17 dec. 12 full and hon. dis. 15 feb. 15 re-enlisted. 15 feb. 15 dis. 14 July 17 pvt. band, 13 c. a. c. 10 aug. 17 sgt. — 2 lt. 13 c. a. c. 2 July 18 accepted. 8 June 18	N. Y. 24 June 3
Demme, Eugene, 9 July 18 hon. dis. 18 dec. 18	11		pvt. 11 co. 13 c. a. c. 21 sep. 17 sgt. 8 Jan. 18 1 sgt. 18 mar. 18 2 lt. 13 c. a. c. 9 July 18 accepted. 12 July 18	N. J. 8 June 86
Tobey, Henry Edwards, 25 Oct. 18 reserve list. 23 apr. 19			pvt. co. K, 23 inf. 14 Nov. 17 trans. m. g. c. 21 Nov. 17 trans. 13 c. a. c. — sgt. m. g. co. — 2 lt. 25 Oct. 18 accepted. 25 Oct. 18	N. Y. 11 Jan. 75
Johnson, Theodore, 29 Nov. 18	11	mustered into u. s. ser. 23 July 17 corp. 10 Aug. 17 sgt. 24 May 18 2 lt. c. a. c. 29 Nov. 18 hon. dis. 29 Nov. 18	pvt. 11 co. 13 c. d. c. 12 Apr. 17 dft. 5 Aug. 17 2 lt. 13 c. d. c. 2 Dec. 19 accepted. 8 Dec. 19	N. Y. 22 Dec. 98
Mowbray, Anthony S., 3 Feb. 19 hon. dis. 28 Nov. 19	2	marine cps. Apr. 10 18 to 20 Dec. 18	pvt. 2 co. 13 c. d. c. — Oct. 17 hon. dis. — June 18 2 lt. 13 c. d. c. 3 Feb. 19 accepted. 10 Feb. 19	N. Y. 23 July 97
George, Frederick B., 3 Apr. 19 f. and h. dis. 27 Oct. 19	10		pvt. co. A, 13 regt. 29 Apr. 89 full and hon. dis. 16 May 98 re-enlisted. 31 May 98 dis. 28 Nov. 98 re-enlisted. 13 Dec. 98 corp. 27 May 01 hon. dis. 8 Oct. 01 pvt. tr. E, sq. C. 10 Dec. 17 to 1 co. 13 c. d. c. — Jan. 19 2 lt. 13 c. d. c. 3 Apr. 19 accepted. 7 Apr. 19	Conn. 31 Jan. 71
MacNair, Ira P., 3 Apr. 19	8	air service. 5 Jan. 18 2 lt. a. s. r. c. hon. dis. 19 Dec. 18	2 lt. 13 c. d. c. 3 Apr. 19 accepted. 21 Apr. 19	N. Y. 26 May 93

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Cont'd)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Second Lieutenants—Continued				
Rocker, Herbert S., 20 june 19	3	mustered into u. s. ser. 15 july 17 agt., hon. dis. 16 may 19	pvt. 8 co. 13 c. d. c. . . . 2 may 16 dft. 5 aug. 17 2 lt. 13 c. d. c., N. Y. G. 20 june 19 2 lt. 13 c. d. c., N. Y. N. G. 30 sep. 19 accepted 7 oct. 19	N. Y. 18 mar. 98
Carpenter, William H., 20 june 19 reserve list. . . . 10 nov. 19	asst. sup. off.	c. o. t. c., camp Lee, oct. 12 18 to 25 nov. 18	pvt. co. B, 7 inf. 15 nov. 17 hon. dis. 12 oct. 18 re-enlisted 3 jan. 19 2 lt. 13 c. d. c. 20 june 19 accepted 23 june 19	N. J. 17 nov. 87
Lang, James W., 8 oct. 19 reserve list. . . . 20 aug. 19	unas.	mustered into u. s. ser. 15 july 17 2 lt. c. a. c. 16 aug. 17 55 and 59 c. a. c., hon. dis. 18 mar. 19	pvt. 1 co. 13 c. d. c. . . . 12 oct. 15 corp. 7 june 16 agt. 12 dec. 16 dft. 5 aug. 17 2 lt. 13 c. d. c. 8 oct. 19 accepted 27 oct. 19	Ind. 27 oct. 90
Patterson, Albert E., 18 oct. 19	7	mustered into u. s. ser. 23 july 17 agt. 10 aug. 17 hon. dis. 18 mar. 19	pvt. 7 co. 13 c. d. c. . . . 19 dec. 13 corp. 17 nov. 14 agt. 16 nov. 15 to N. G. r. 18 jan. 17 dft. 5 aug. 17 pvt. 7 co. 13 c. d. c., N. Y. N. G. 13 oct. 19 2 lt. 13 c. d. c., N. Y. N. G. 18 oct. 19 accepted 28 oct. 19	N. Y. 4 apr. 95
Loader, Victor H., 18 oct. 19	1	mustered into u. s. ser. 23 july 17 2 lt. c. a. c. 26 june 18 hon. dis. 25 jan. 19	pvt. 11 co. 13 c. d. c. . . 17 apr. 17 corp. 5 aug. 17 dft. 5 aug. 17 2 lt. 13 c. d. c., N. Y. N. G. 18 oct. 19 accepted 28 oct. 19	N. Y. 7 jan. 96
Pashley, Arthur W., 19 oct. 19	6	mustered into u. s. ser. 23 july 17 2 lt. qm. c. 16 july 18 hon. dis. 19 dec. 18	pvt. 8 co. 13 c. d. c. . . . 17 nov. 07 clorp. 2 july 12 full and hon. dis. 6 oct. 14 pvt. batty. C, 2 f. a. . . . 23 feb. 15 to 8 co. 13 c. d. c. 7 may 15 agt. 25 feb. 16 dft. 5 aug. 17 r. l. 29 sep. 19 2 lt. 13 c. d. c. 18 oct. 19 accepted 27 oct. 19	N. Y. 5 aug. 86
Oswalt, Robert L., 30 oct. 19	12	mustered into u. s. ser. 23 july 17 c. a. t. c., Ft. Monroe; 2 lt. 56 am. tr.; hon. dis.	pvt. 8 co. 13 c. d. c. . . . 16 may 16 1 cl. gunner 22 jan. 17 corp. 6 mar. 17 dft. 5 aug. 17 2 lt. 13 c. d. c. 30 oct. 19 accepted 10 nov. 19	N. Y. 15 dec. 94
Tully, Thomas V., 28 nov. 19	unas.		2 lt. qm. c., N. G. N. Y. 9 june 17 accepted 12 june 17 hon. dis. 24 july 18 2 lt. 13 c. d. c., N. Y. G. 28 nov. 19 accepted 1 dec. 19	N. Y. 1 nov. 88

COAST ARTILLERY CORPS—13TH COAST DEFENSE COMMAND—(Concl'd)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- cluded</i>				
Busener, Henry H., 4 dec. 19	4	mustered into u. s. ser. 23 july 17 1 agt. 59 c. a. c., 2 oct. 18 hon. dis. . . 5 feb. 19	pvt. 4 co. 13 c. d. c. . . 14 apr. 08 corp. 8 nov. 13 1 cl. gunner. 20 may 14 agt. 2 june 14 full and hon. dis. 1 june 15 re-enlisted and warrant con. qm. 26 oct. 15 dft. 5 aug. 17 2 lt. 13 c. d. c., N. Y. N. G. 4 dec. 19 accepted. 8 dec. 19	N. Y. 18 sep. 89

FIRST INFANTRY, N. Y. G.

(Third Brigade)

Headquarters State Armory, 145 Broadway, Newburgh, N. Y.

Reorganized November 22, 1917, by G. O. 58, A. G. O., and made to include all infantry units already mustered in or to be mustered into the New York Guard, in the counties of Rockland, Orange, Putnam, Dutchess, Ulster and Sullivan.

MACHINE GUN COMPANY

State Armory, 145 Broadway, Newburgh, N. Y.

Organized as a Depot Unit, July, 1917. Mustered into New York Guard, November 13, 1917.

COMPANY A

Headquarters, Pearl River — Platoon, Spring Valley

Organized as Home Defense Unit. Mustered into New York Guard October 21, 1917. Attached to 1st Infantry from 22d Engineers and 71st Infantry November 14, 1917, S. O. 289, A. G. O.

COMPANY B

Headquarters, Haverstraw, N. Y.

Organized as a Home Defense Unit. Mustered into the New York Guard as Company G, 22d Engineers, November 4, 1917. Attached to 1st Infantry November 14, 1917, S. O. 289, A. G. O.

COMPANY C

Headquarters, Suffern — Platoon, Sloisburg

Organized as Home Defense Unit. Attached to 1st Infantry, from Company F, 71st Infantry, S. O. 289, A. G. O. Mustered into New York Guard, September 14, 1917.

COMPANY D

Headquarters, Nyack, N. Y.

Organized as a Home Defense Unit. Mustered into New York Guard as Battery D, 2d Field Artillery, November 1, 1917. Transferred to 1st Infantry, November 14, 1917, S. O. 289, A. G. O.

COMPANY E

State Armory, Market and Church Streets, Poughkeepsie

Organized as a Home Defense Unit. Mustered into the New York Guard October 31, 1917. A unit of 10th Infantry. Transferred to 1st Infantry and designated Company E, November 22, 1917.

COMPANY F

State Armory, Market and Church Streets, Poughkeepsie

Organized as a Depot Unit, July, 1917. Mustered into the New York Guard as Company K, 10th Infantry October 31, 1917. Transferred to 1st Infantry, November 22, 1917, G. O. 58, A. G. O.

COMPANY G

Headquarters, Pine Plains — Platoon, Millerton

Organized as a Home Defense Unit July, 1917. Mustered into New York Guard as a unit 10th Infantry, Pine Plains platoon, November 1, 1917; Millerton platoon, November 3, 1917.

COMPANY H

Headquarters, Milton — Platoon, Marlboro

Organized as Home Defense Unit. Mustered into New York Guard as a unit, 10th Infantry, October 25, 1917.

COMPANY I

State Armory, John Street and Wickham Avenue, Middletown

Organized as a Depot Unit July, 1917. Mustered into State service, September 18, 1917. Mustered into New York Guard. Performed active duty with First Provisional Regiment guarding New York Aqueduct.

COMPANY K

Headquarters, Warwick

Organized as a Home Defense Unit. Mustered into the New York Guard November 5, 1917.

COMPANY L

State Armory, 145 Broadway, Newburgh

Organized as a Depot Unit July, 1917. Mustered into the New York Guard November 12, 1917.

FIRST INFANTRY — NEW YORK GUARD — (Continued)

COMPANY M

Headquarters, State Armory, Broadway and Hoffman Street, Kingston Platoon, State Armory, 145 Broadway, Newburgh, N. Y.

The Kingston platoon organized as a Depot Unit July, 1917. Mustered into State service September 30, 1917. Mustered into New York Guard as Company M, 10th Infantry, November 12, 1917. Transferred to 1st Infantry November 22, 1917, G. O. 58, A. G. O.

The Newburgh platoon organized as a Home Defense Unit. Mustered into New York Guard as a platoon, Company M, 1st Infantry, November 12, 1917.

The following changes were made: Company K, Malone (mustered in, October 15, 1917), and Company D, Ogdensburg, (mustered in October 17, 1917), transferred to 5th Battalion, November 22, 1917 (G. O. 58). Mustered out: Company A, March 27, 1919; Company C, March 29, 1919; Company B, March 31, Company H, April 1, 1919; Company G, April 3, 1919; Company F, September 19, 1919.

August 1, 1919 (G. O. 21), the following companies were detached from the 8th Coast Defense Command, and assigned to the regiment: 9th Company from Yonkers; 10th Company from Mt. Vernon; 11th Company from White Plains; 12th Company from White Plains.

Redesignation of companies made:

Old Designation	New Designation
9th Company, 8th Coast Defense Command	Company G
10th Company, 8th Coast Defense Command	Company H
11th Company, 8th Coast Defense Command	Company A
12th Company, 8th Coast Defense Command	Company B
Machine Gun Company, 1st Infantry	Company E
Company F, 1st Infantry	Company K
Company K, 1st Infantry	Company F
Company G, 1st Infantry	Machine Gun Company

FIRST INFANTRY, NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Rose, John Bailey, 31 July 17			cap. 10 sep. co. 14 June 07 full and hon. dis. 3 Feb. 14 maj., depot bat. 1 July 16 col. 1 inf. 31 July 17 accepted 1 Aug. 17 to duty with 1 prov. regt. 7 Aug. 17	N. Y. 14 Apr. 75
<i>Lieutenant Colonels</i>				
Rogers, Archibald, 22 Nov. 17 reserve list. 20 Mar. 19		1 lt. u. s. naval r. f., 23 Apr. 17 to 17 May 17	cap., 2 brigade. 3 June 86 supn. 5 Aug. 86 a. d. c. Gov. Morton's staff, rank col. 1 Jan. 95 full and hon. dis. 31 Dec. 96 r. l. 23 Oct. 17 lt. col. 1 inf. 22 Nov. 17 accepted 8 Dec. 17	N. Y. 52
Burnett, William Lewis, 20 Mar. 19		pvt. co. K, 1 regt. N. Y. vols. 2 May 98 corp. 19 July 98 to 26 Feb. 99	pvt. 15 sep. co. 15 Jan. 97 corp. 2 May 99 sgt. 16 Nov. 99 1 sgt. 9 Oct. 01 2 lt. 21 Nov. 02 1 lt. 5 Nov. 03 cap. 10 inf. 4 June 00 maj. 13 Apr. 17 disc. 18 July 17 r. l. 27 July 17 maj. 1 inf. N. Y. G. 28 Feb. 18 1 prov. regt. 7 Aug. 17 lt. col. 20 Mar. 19 accepted 21 Mar. 19	N. Y. 28 June 79

FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors</i>				
Cantline, Peter, 15 sep. 17 reserve list.... 19 dec. 19			pvt., corp., co. E, 1 inf..... 21 nov. 07 to 17 jan. 12 1 lt. 17 jan. 12 cap. 17 apr. 14 resigned..... 22 mar. 15 r. l. 15 july 16 duty with depot bat. 1 inf..... 15 july 16 maj., 1 inf..... 15 sep. 17 accepted..... 19 sep. 17	N. Y. 8 nov. 82
Waterman, George B., 28 feb. 18		corp., sgt., co. I, 203 N. Y. inf., 11 july 98 to 25 mar. 99	pvt. 23 sep. co..... 11 feb. 97 to 27 july 98 17 may 99 to 1 aug. 99 pvt. co. K, 10 inf..... 24 june 00 to 4 mar. 10 2 lt. 10 inf..... 4 mar. 10 resigned..... 8 mar. 15 cap. depot bat. 10 inf. 10 july 17 trans. to 1 inf..... 22 nov. 17 maj. 1 inf..... 28 feb. 18 accepted..... 2 mar. 18	N. Y. 4 apr. 74
Roche, John Joseph, 29 oct. 19		cap. 69 N. Y. inf., 19 may 98 to 31 jan. 99	pvt. co. D, 69 inf..... 30 apr. 90 corp..... 28 feb. 93 sgt..... 3 dec. 94 sgt. maj..... 27 mar. 96 cap. 69 inf..... 30 apr. 98 supn..... 5 may 99 duty with depot bat. 69 inf..... 24 july 16 cap. 69 inf. N. Y. G. 18 oct. 17 1 prov. regt..... 7 aug. 17 maj. 1 inf..... 29 oct. 19 accepted..... 30 oct. 19	N. Y. 11 sep. 72
<i>Captains</i>				
McVicar, William, 27 june 16	G	pvt. co. B, 8 regt., N. Y. vols.. 16 june 98 to 3 nov. 98	pvt. 4 sep. co..... 7 may 96 dropped..... 16 july 98 taken up..... 12 dec. 98 corp..... 3 feb. 02 sgt..... 15 feb. 04 1 sgt..... 24 feb. 05 2 lt..... 28 dec. 06 1 lt. 10 inf..... 10 july 11 resigned..... 12 apr. 12 cap. 10 inf., depot bat..... 27 june 16 assigned to 8 c. d. c. 26 sep. 17 cap. with o. r..... 23 nov. 17 accepted..... 1 dec. 17 cap. 1 inf..... 1 aug. 19 accepted..... 30 aug. 19	N. Y. 8 dec. 78

FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Thiede, Otto.... 26 june 7	H	co. I, 27, u. s. v., 1 aug. 99 hon. dis. ... 14 jan. 01	pvt. co. B, 1 regt. ... 24 mar. 02 corp. 11 nov. 02 sgt. 26 mar. 06 qm. sgt. 20 dec. 06 full and hon. dis. 11 dec. 07 re-enlisted. 27 oct. 09 corp. 23 jan. 11 full and hon. dis. 14 apr. 11 re-enlisted. 17 apr. 11 sgt. 14 july 11 1 sgt. 17 aug. 14 hon. dis. 28 july 16 cap. depot bat., 10 inf. 26 june 17 tra. 8 c. a. c. 26 sep. 17 cap. 23 nov. 17 accepted. 28 nov. 17 cap. 1 inf. 1 aug. 19 accepted. 29 aug. 19	N. Y. 22 nov. 80
Fowler, Everett, 12 july 17			pvt. 14 sep. co. 8 apr. 86 sgt. 12 apr. 88 1 sgt. 15 apr. 89 dis. 15 apr. 91 cap 14 co. 5 may 04 f. and h. dis. 9 nov. 08 r. l. 4 june 17 co. M, 10 inf. 12 july 17 to 1 inf. 28 nov. 17 cap. 1 inf. 28 feb. 18 accepted. 1 mar. 18	N. Y. 4 nov. 81
Hutton, Thomas Radcliff, 7 aug. 17 reserve list.... 4 mar. 19	B		cap. 1 inf. 7 aug. 17 accepted. 7 aug. 17 1 prov. regt. 7 aug. 17 relieved. 21 feb. 19	Wyo. 8 june 92
Decker, Edward Madden, 15 sep. 17	I	corp., co. I, 1 regt. N. Y. vols. 2 may 98 sgt. 10 dec. 98 to 21 feb. 99 pvt. co. C, 1 bat. N. G. N. J. 17 jan. 91 dropped.... 3 dec. 91	pvt. 24 sep. co. N. G. N. Y. 29 jan. 95 corp. 7 feb. 98 sgt. 28 july 99 hon. dis. 29 jan. 00 re-enlisted. 29 jan. 00 warrant as sgt. renewed. 2 lt. 22 feb. 01 cap., 1 inf. 27 jan. 09 with rank from. 20 jan. 09 resigned. 26 apr. 11 r. l. 18 dec. 15 cap. 1 inf. 15 sep. 17 accepted. 15 sep. 17 1 prov. regt. 17 sep. 17 relieved. 18 feb. 19	N. Y. 16 jan. 71
Cathcart, Oswald John, 15 sep. 17	E		cap. 1 inf. 15 sep. 17 accepted. 21 sep. 17	Pa. 8 sep. 81
Sproul, Charles Le Roy, 18 oct. 17 reserve list.... 25 mar. 19	C	co. D, 22 N. Y. vols. 21 may 98 to 23 nov. 98	cap. 71 inf. 18 oct. 17 accepted. 19 oct. 17 tra. to 1 inf., N. Y. G. 14 nov. 17	
Baldwin, Ralph Labagh, 20 oct. 17 reserve list.... 19 nov. 19	D		pvt. 60. H, 7 inf. 17 mar. 11 corp. 8 jan. 13 hon. dis. 26 june 15 cap. 2 f. a. 20 oct. 17 accepted. 25 oct. 17 tra. 1 inf. 14 nov. 17 cap. 1 inf. 14 nov. 17 with rank from. 20 oct. 17 accepted. 18 feb. 18	N. Y. 9 sep. 89

FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Serrell, Edward Paul, 26 oct. 17 reserve list....25 mar. 19	A	corp. co. B, 22 N. Y. vols..... 9 may 98 sgt..... 24 may 98 1 sgt..... 29 sep. 98 2 lt..... 1 nov. 98	pvt. 22 regt..... 1 may 93 corp..... 27 june 95 sgt..... 17 may 98 1 lt..... 26 feb. 99 cap..... 6 dec. 01 full and hon. dis..... 28 may 04 r. l. cap..... 19 sep. 17 cap. co. H, 22 engs., N. Y. G..... 26 oct. 17 cap. co. A, 1 inf., N. Y. G..... 14 nov. 17 accepted..... 16 feb. 18	N. Y. 1 sep. 72
Langworthy, Harry Wells, 8 nov. 17	i. a. a. p.	.....	cap. 71 inf..... 8 nov. 17 accepted..... 12 nov. 17 tra. to 1 inf..... 14 nov. 17	N. Y. 5 june 84
Langschur, Jacob, 20 nov. 17 reserve list....25 mar. 19	B	enl. at West Point, eng. corps, u. s. a., 26 sep. 98 S. A. war and Philippine campaign, dis..... 23 mar. 02	cap., 1 inf..... 20 nov. 17 accepted..... 28 nov. 17	N. Y. 27 jan. 79
Scherman, Eugene, 4 dec. 17 reserve list....22 mar. 19	sup. off.	.....	1 lt. qm. c..... 8 nov. 17 cap. 1 inf..... 4 dec. 17 accepted..... 7 dec. 17 1 prov. regt..... 15 nov. 17 relieved..... 17 sep. 18	.....
Still, Edwin F., 28 feb. 18	F	co. E, 2 N. Y. vols., 1 july 98 hon. dis... 29 aug. 18	16 sep. co..... 1896— 1 july 98 cap. 1 inf..... 28 feb. 18 accepted..... 2 mar. 18	N. Y. 3 aug. 78
Baker, Charles A., 28 feb. 18	.....	.....	pvt. 15 sep. co..... 25 may 96 corp..... 3 apr. 98 sgt..... 24 mar. 90 dropped..... 28 sep. 96 taken up..... 12 sep. 05 qm. sgt..... 21 sep. 05 2 lt. 10 inf..... 6 jan. 09 1 lt..... 27 nov. 09 f. and h. dis..... 18 sep. 16 cap. 1 inf..... 28 feb. 18 accepted..... 4 mar. 18	N. Y. 11 dec. 68
Murray, Arthur Sherman, 28 feb. 18 reserve list....29 aug. 19	F	.....	pvt. 10 inf..... 19 dec. 00 corp..... 21 aug. 05 sgt..... 22 oct. 06 hon. dis..... 15 aug. 08 1 lt. 10 inf. d. b. co. K 21 june 17 to 1 inf., N. Y. G..... 22 nov. 17 cap..... 28 feb. 18 accepted..... 4 mar. 18 1 prov. regt..... 10 oct. 18 relieved..... 31 jan. 19	N. Y. 5 june 84
Baldwin, Charles W., 15 may 18	chap.	.....	cap. chaplain, 1 inf., N. Y. G..... 15 may 18 accepted..... 17 may 18 1 prov. regt..... 13 nov. 18 relieved..... 31 jan. 19	N. Y. 31 mar. 88

FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Odell, Isaac Herbert, 5 june 18	B		pvt. co. I, 22 regt. N. Y. N. G. 31 mar. 93 corp. 6 july 96 dis. 2 may 98 1 lt. c. a. c., N. Y. G. 14 mar. 18 cap. 5 june 18 accepted. 7 june 15 to 1 inf., N. Y. G. 1 aug. 19 cap. 1 aug. 19 accepted. 29 aug. 19	N. Y. 23 july 67
Newsome, Terence, 29 oct. 18	L	mustered into u. s. ser. 19 june 16 out 6 oct. 16 mustered into u. s. ser. 30 mar. 17 dis. for dependency, 16 aug. 17 1 lt. inf. 20 may 18 cap. 29 oct. 18 hon. dis. 5 may 19	pvt. co. B, 71 inf. 1 mar. 98 corp. 2 feb. 03 sgt. 9 nov. 06 1 sgt. 1 feb. 17 2 lt. 1 inf. 22 nov. 17 accepted. 26 nov. 17 f. and h. dis. 21 june 18 cap. 1 inf. 12 june 19 accepted. 16 june 19	N. Y. 16 june 79
Lord, Avery E., 1 dec. 18 reserve list. 27 feb. 19			2 lt. 1 inf., N. Y. G. 1 oct. 17 trs. 10 inf. 22 nov. 17 trs. 1 inf. 23 dec. 15 cap. 1 inf. 1 dec. 18 accepted. 10 dec. 18 1 prov. regt. 1 sep. 17 relieved. 20 feb. 19	
Therkildsen, Thomas W., 21 mar. 19	adj.		pvt. depot bat. 10 inf. 26 july 17 corp. 2 aug. 17 bat. sgt. maj. 1 nov. 17 1 lt. 1 inf. 4 dec. 17 cap. 21 mar. 19 accepted. 22 mar. 19 1 prov. regt. 4 dec. 17 relieved. 24 may 19	N. Y. 15 sep. 89
Mulford, Charles L., 22 mar. 19	sup. off.		pvt. co. E, 7 inf. 11 may 00 dropped. 7 mar. 03 taken up. 7 jan. 10 qm. c. 24 oct. 11 f. and h. dis. 17 nov. 14 pvt. co. C, 7 inf. 26 july 16 2 lt. qm. c. 15 oct. 18 1 lt. 3 mar. 19 cap. 1 inf. 22 mar. 19 accepted. 22 mar. 19 1 prov. regt. 15 oct. 18	N. Y. 29 june 65
Strang, Arthur Innis, 19 june 19 reserve list. 17 dec. 19	A		2 lt. depot batn., 10 inf. 14 june 17 trs. 8 c. a. c., N. Y. G. 26 sep. 17 2 lt. 23 nov. 17 1 lt. 28 feb. 18 cap. 19 june 19 cap. 1 inf. 1 aug. 19 accepted. 8 sep. 19	N. Y. 19 apr. 74

FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants</i>				
Penoyar, William Brewster, 4 june 15	E	mustered into u. s. ser. 11 aug. 16 out 20 sep. 16 into 17 july 17 co. E, 107 inf., 15 oct. 17 hon. dis. . . . 3 sep. 19	pvt., corp., sgt., qm. sgt. co. E, 1 inf. . . . 23 nov. 08 to 11 dec. 14 2 lt. 11 dec. 14 1 lt. 4 june 15 accepted. 9 june 15 dft. 5 aug. 17 1 lt. 1 inf. 7 nov. 19 accepted. 11 nov. 19	N. Y. 20 jan. 82
Fowler, Joseph M., 11 july 17 f. and h. dis. . . . 7 feb. 19	M	corp. co. M, 1 regt. N. Y. vols. . . . 2 may 98 2 lt. 12 oct. 98 to 26 feb. 99	pvt. 14 sep. co. 7 nov. 95 corp. 2 may 98 1 sgt. 19 apr. 89 2 lt. 8 dec. 99 1 lt. 21 sep. 00 full and hon. dis. 3 feb. 05 1 lt. d. b., 10 inf. 11 july 17 accepted. 18 july 17 trans. to 1 inf. 28 nov. 17 1 lt. 1 inf. 28 feb. 18 accepted. 1 mar. 18	N. Y. 15 july 73
Dominiek, DeWitt Clinton, Jr., 15 sep. 17 hon. dis. 24 oct. 19	L		1 lt. 1 inf. 15 sep. 17 accepted. 19 sep. 17	N. Y. 25 aug. 98
Whritenour, George Edward, 18 oct. 17 reserve list. 27 feb. 19	C		1 lt. 71 inf. 18 oct. 17 accepted. 19 oct. 17 trans. to 1 inf. 14 nov. 17 1 prov. regt. 10 oct. 18	
Betts, Walter S., 2 nov. 17 reserve list. 25 mar. 19	H		1 lt. 10 inf. 2 nov. 17 accepted. 14 nov. 17 trans. 1 inf. 22 nov. 17	Val-halla, 14 apr. 93
Dunlop, Beveridge Colin, 8 nov. 17 reserve list. 25 mar. 19	A	u. s. ser. 2 N. J. vols. — apr. 98 corp. — july 98 dis. — nov. 98 2 regt. N. G. N. J., until 1900.	1 lt. 71 inf. 8 nov. 17 accepted. 18 nov. 17 trans. to 1 inf. 11 nov. 17	N. J. 28 apr.
Finegan, James Edward, 20 nov. 17 reserve list. 25 mar. 19	B		1 lt. 1 inf. 20 nov. 17 accepted. 28 nov. 17	N. Y. 3 sep. 81
Conklin, James Arthur, 8 jan. 18 reserve list. 25 mar. 19	H		2 lt. 10 inf. 7 nov. 17 trans. 1 inf. 22 nov. 17 1 lt. 1 inf. 8 jan. 18 accepted. 11 jan. 18	
Garthwaite, Albert Newton, 1 feb. 18	G		pvt. 4 co. 28 dec. 91 corp. 6 jan. 96 full and hon. dis. 20 jan. 97 2 lt. 8 c. a. c. 1 nov. 17 1 lt. 1 feb. 18 1 lt. 1 inf. 1 aug. 19 accepted. 8 sep. 19	N. Y. 15 sep. 70
Arnold, Charles W. H., 28 feb. 18 reserve list. 19 dec. 19	K		1 lt. 1 inf. 28 feb. 18 accepted. 1 mar. 18	N. Y. 5 may 80
Bowman, Wilber J., 28 feb. 18	m. g. co.		1 lt. 1 inf. 28 feb. 18 accepted. 2 mar. 18 1 prov. regt. 8 nov. 18 relieved. 12 jan. 19	N. Y. 15 apr. 77

FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Continued</i>				
Arnold, Harry. 28 feb. 18 reserve list.... 29 aug. 19	F		2 lt. depot bat. 10 inf. 21 june 17 trs to 1 inf. 22 nov. 17 1 lt. 1 inf. 28 feb. 18 accepted. 4 mar. 18	N. Y. 14 oct. 77
Weeden, Leslie, 28 feb. 18	F		1 lt. 1 inf. 28 feb. 18 accepted. 4 mar. 18	N. Y. 2 aug. 96
Beahan, William J., 28 feb. 18	bat. adj.		co. E, 1 inf. 1 nov. 07 corp. 19 dec. 12 hon. dis. 10 dec. 13 1 lt. 1 inf. 28 feb. 18 accepted. 5 mar. 18	N. Y. 1 sep. 78
Cregier, Abbott Michael, 10 may 18 reserve list.... 19 nov. 19	D		2 lt. 2 f. a. 20 oct. 17 accepted. 24 oct. 17 2 lt. 1 inf. 14 nov. 17 with rank from. 20 oct. 17 1 lt. 10 may 18 accepted. 13 may 18	N. Y. 20 jan. 80
Lubs, John H., 5 june 18	B		pvt. 8 c. a. c., N. Y. G. 3 dec. 17 2 lt. c. a. c. 14 mar. 18 1 lt. 5 june 18 accepted. 8 june 18 1 lt. 1 inf. 1 aug. 19 accepted. 2 sep. 19	N. Y. 23 aug. 83
Riggs, Oscar H., 18 july 18	bat. adj.		pvt. co. D, 1 inf. 22 nov. 17 corp. 22 nov. 17 sgt. 22 feb. 18 bat. sgt. maj. 25 apr. 18 1 lt. 1 inf. 18 july 18 accepted. 20 apr. 18	N. Y. 17 oct. 86
Witschief, Graham, 30 july 18 f. and h. dis.... 7 nov. 19	E		pvt. co. E, 1 regt. 25 oct. 07 corp. 24 mar. 08 hon. dis. 25 july 11 1 lt. 30 july 18 accepted. 2 aug. 18	N. Y. 20 feb. 75
Huddelson, Alfred, Jr., 30 july 18	L	mustered into u. s. ser. 11 aug. 16 out 23 nov. 16 into 15 july 17 2 lt. inf. 25 may 18 1 lt. 30 july 18 hon. dis. 13 aug. 19	pvt. co. L, 1 inf. 2 oct. 13 corp. 1 june 16 sgt. 18 mar. 17 dft. 5 aug. 17 1 lt. inf. 11 oct. 19 accepted. 27 oct. 19	N. Y. 30 june 93
De Witt, Harvey S., 6 aug. 18	I		1 lt. 1 inf. 6 aug. 18 accepted. 12 aug. 18	N. J. 28 oct. 79
Hildebrandt, Oscar Raymond, 21 mar. 19	M		2 lt. depot bat. 10 inf. 11 july 17 accepted. 21 july 17 trs. to 1 inf. 28 nov. 17 2 lt. 1 inf. 28 feb. 18 1 lt. 21 mar. 19 accepted. 7 apr. 19	N. Y. 30 dec. 84
Sullivan, Daniel J., 24 may 19	H	c. o. t. a., camp Lee. 2 lt. inf. 13 sep. 18 hon. dis. 13 jan. 19	pvt. co. H, 10 inf. 5 apr. 12 hon. dis. 29 sep. 13 re-enlisted. 26 june 16 hon. dis. 26 july 17 re-enlisted, N. Y. G. 23 apr. 18 hon. dis. 23 sep. 18 1 lt. 8 c. a. c. 24 may 19 1 lt. 1 inf. 1 aug. 19 accepted. 19 aug. 30	N. Y. 22 jan. 88

FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Furman, Eugene Austin, 29 nov. 19	A	pvt. 11 co. 8 c. a. c., N. Y. G. 4 sep. 17 agt. feb. 18 2 lt. 8 c. a. c., N. Y. G. 13 dec. 18 2 lt. 1 inf., N. Y. G. ... 1 aug. 19 1 lt. 29 nov. 19 accepted. 4 dec. 19	N. Y. 23 sep. 79	
<i>Second Lieutenants</i>				
Walsh, Edward D., 26 oct. 17 reserve list ... 25 mar. 19	A	2 lt. 22 engs. 26 oct. 17 2 lt. 1 inf. 14 nov. 17 accepted. 18 feb. 18	N. Y. 12 apr. 71	
Lankan, Albert John, 9 nov. 17	sup. co.	pvt. 9 c. a. c. 15 oct. 00 hon. dis. 15 oct. 05 2 lt. 1 inf. 9 nov. 17 accepted. 17 nov. 17 to 1 inf. 14 nov. 17 1 prov. regt. 10 oct. 18 relieved. 12 jan. 19	N. Y. 1 oct. 83	
Hamilton, Walter G., 20 nov. 17 reserve list ... 25 mar. 19	B	2 lt. 1 inf. 20 nov. 17 accepted. 26 nov. 17		
Bates, William N., 28 feb. 18 reserve list ... 18 mar. 19	G	2 lt. 1 inf. 28 feb. 18 accepted. 2 mar. 18	N. Y. 29 sep. 72	
Polhemus, Robert F., 28 feb. 18 reserve list ... 29 aug. 19	F	co. K, 23 inf. 23 nov. 03 dropped. 4 dec. 05 co. K, 10 inf. 1 aug. 17 act. 1 regt. 7 jan. 18 2 lt. 1 inf. 28 feb. 18 accepted. 4 mar. 18 1 prov. regt. 10 oct. 18 relieved. 18 mar. 19	N. Y. 17 mar. 81	
Rosen, Reuben M., 28 feb. 18	K	2 lt. co. E, 1 inf. 28 feb. 18 accepted. 4 mar. 18	N. Y. 2 dec. 80	
Williams, Charles E., 28 feb. 18	G	pvt. 4 sep. co. 22 mar. 94 corp. 2 dec. 98 agt. 20 nov. 99 full and hon. dis. 6 nov. 02 2 lt. 8 c. a. c., N. Y. G. 28 feb. 18 accepted. 4 mar. 18 to 1 inf. 1 aug. 19 2 lt. 1 inf. 1 aug. 19 accepted. 9 sep. 19	N. J. 12 may 75	
Kerkau, Fred A., 28 feb. 18	F	U. S. N. ... 10 jan. 03 to 9 jan. 07 2 lt. 1 inf. 28 feb. 18 accepted. 5 mar. 18	Mich. 4 aug. 85	
Vinton, Harry, 9 apr. 18 f. and h. dis. ... 27 nov. 19	H	pvt. co. B, 1 regt. 28 apr. 02 full and hon. dis. 22 aug. 07 re-enl. co. H, 10 regt. 8 mar. 11 full and hon. dis. 8 nov. 15 2 lt. 8 c. a. c., N. Y. G. 9 apr. 18 accepted. 12 apr. 18 to 1 inf. 1 aug. 19	Eng. 3 dec. 78	
Wilson, Frederick W., 16 apr. 18 f. and h. dis. ... 9 july 19	L	pvt. 10 co. 28 nov. 88 hon. dis. 7 june 94 2 lt. 1 inf. 16 apr. 18 accepted. 23 apr. 18	Eng. 8 oct. 69	

FIRST INFANTRY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Tompkins, Walter A., 11 june 18 reserve list.... 19 nov. 19	D	.....	pvt. co. D, 1 inf. 1 nov. 17 1 sgt. 30 jan. 18 2 lt. 11 june 18 accepted. 14 june 18	N. Y. 13 june 84
Odell, Benjamin B., 29 july 18	E	.....	2 lt. 1 inf. 29 july 18 accepted. 31 july 18	N. Y. 12 dec. 86
Lyman, Charles A., 6 aug. 18	I	Mass. vol. mil., apr. 1896-1897.	2 lt. 1 inf. 6 aug. 18 accepted. 13 aug. 18	Mass. 30 june 79
Spencer, Arnold F., 22 apr. 19	L	mustered into u. s. ser. 15 july 17 co. L, 1 pion. inf., 4 jan. 18 to o. t. c., Fr., 19 oct. 18 2 lt. inf. 22 apr. 19 hon. dis. ... 5 aug. 19	pvt. co. L, 1 inf. 25 nov. 08 hon. dis. 14 jan. 18 re-enlisted. 26 jan. 18 dft. 5 aug. 17 2 lt. 1 inf. 17 oct. 19 accepted. 25 oct. 19	Eng. 27 nov. 82
Traver, Frederick G., 26 june 19	M	.....	pvt. co. M, d. b. 10 to co. M, 1 inf. 23 nov. 17 2 lt. 1 inf. 26 june 19 accepted. 5 july 19	28 jan. 74
Finch, Charles B., 30 aug. 19	sup. co.	.....	pvt. co. M, d. b. 10 inf. 25 june 16 sgt. 17 june 17 to co. M, 1 inf. 12 july 17 2 lt. 1 inf. 30 aug. 19 accepted. 3 sep. 19	N. Y. 30 may 85

SECOND INFANTRY, N. Y. G.

(Third Brigade)

Headquarters, Bolton Hall, Troy, N. Y.

Reorganized in accordance with G. O. 59, A. G. O., November 22, 1917, to include all infantry units mustered into the New York Guard or to be mustered in from the counties of Rensselaer, Schenectady, Montgomery, Fulton, Saratoga, Washington, Warren, Hamilton and Essex.

COMPANY A

Bolton Hall, Troy, N. Y.

Organized as a Depot Unit May 8, 1917. Mustered into the State Service July 31, 1917. Mustered into the New York Guard November 13, 1917.

COMPANY B

State Armory, 4 Hart Street, Cohoes, N. Y.

Organized as a Depot Unit April 2, 1917. Mustered into the New York Guard November 13, 1917.

COMPANY C

Bolton Hall, Troy, N. Y.

Mustered into the New York Guard, November 20, 1917.

COMPANY D

Canajoharie, N. Y.

Organized as a Home Defense Unit May 8, 1917. Mustered into State service June 26, 1917. Mustered into the New York Guard November 1, 1917.

COMPANY E

State Armory, Schenectady, N. Y.

Organized as a Home Defense Unit July 5, 1917. Mustered into the New York Guard November 20, 1917.

COMPANY F

State Armory, Schenectady, N. Y.

Organized as a Depot Unit July 1, 1917. Reorganized July 20, 1917. Mustered into the New York Guard August 8, 1917.

COMPANY G

87-93 Washington Street, Gloversville, N. Y.

Organized as a Depot Unit June, 1916. Disbanded October 19, 1916. Reorganized and mustered in as a Depot Unit July 20, 1917. Mustered into the New York Guard November 16, 1917.

COMPANY H

State Armory, Florida Avenue and De Witt Street, Amsterdam, N. Y.

Organized as a Depot Unit June 25, 1916. Disbanded October, 1916. Reorganized March 25, 1917. Mustered into State service July 19, 1917. Mustered into the New York Guard November 12, 1917.

COMPANY I

State Armory, Whitehall, N. Y.

Organized as a Depot Unit September 24, 1917, from detachments at Granville, Fort Edward and Whitehall. Mustered into the New York Guard November 10, 1917, with Station at Fort Edward, N. Y. Mustered out April 14, 1919. New company mustered in at Whitehall, N. Y., June 12, 1919.

COMPANY K

State Armory, Glens Falls, N. Y.

Organized as a Depot Unit July 18, 1917. Mustered into State service August 27, 1917. Mustered into the New York Guard November 12, 1917.

COMPANY L

State Armory, Saratoga, N. Y.

Organized as a Depot Unit and mustered into State service July 25, 1917. Mustered into the New York Guard November 16, 1917.

COMPANY M

State Armory, Hoosick Falls, N. Y.

Organized as a Depot Unit July 1, 1917. Mustered into the New York Guard November 10, 1917.

Detachments from the various companies performed active duty in guarding public property with the 2d Provisional Regiment.

SECOND INFANTRY — NEW YORK GUARD — (Continued)

The following changes were made: August 1, 1919 (G. O. 21, A. G. O.), Company M, Hoosick Falls, to be Hoosick Falls Platoon and attached to Company C.

Assigned: Company B, 5th Battalion, to be Company M, Saranac; Company C, 5th Battalion, to be Tupper Lake Platoon, Company M; Company F, 5th Battalion, to be Plattsburg Platoon, Company I.

September 9, 1919 (G. O. 24, A. G. O.), amended the above: Company M, to retain old designation; Company B, 5th Battalion, to be Saranac Lake Platoon, Company L; Company C, 5th Battalion, to be Tupper Lake Platoon, Company D; Company F, 5th Battalion, to be Plattsburg Platoon, Company I.

December 26, 1919 (G. O. 34, A. G. O.), Tupper Lake Platoon, Company D, disbanded; Company D, Canajoharie, reorganized as a platoon to be attached to Company G; Saranac Lake Platoon, Company L, to be Company D; Plattsburg Platoon, Company I, attached to Company D.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.— Spanish-American War, 1898; Mexican Border, 1916; World War, 1917.

On the State Color.— Buffalo, 1892; Albany, 1901; Hudson Valley, 1902; Corinth — South Glens Falls — Fort Edward, 1910.

SECOND INFANTRY, NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Colonels				
Dauchy, William Powers, 22 nov. 17 reserve list.... 1 may 19	pvt., co. A, 2 regt. N. Y. vols. . . 2 may 98 to 25 oct. 98	pvt. 6 sep. co. 16 nov. 97 corp. 31 oct. 01 sgt. 21 July 04 1 lt. 2 aug. 07 full and hon. dis. . . 6 feb. 11 cap. depot bat. 2 inf. . 27 June 16 cap. 2 inf. 26 oct. 17 maj. 7 nov. 17 col. 22 nov. 17 accepted. 24 nov. 17	.....
Gillet, Ransom H., 1 may 19 Citizen, C. S. C.	pvt. N. G. D. C., nov. 1894. dpd., may 1895. cadet, naval acad., 6 sep. 95 resigned... 10 feb. 96 seaman, n. m., Conn., accepted. 16 apr. 13 jan. to apr., 1898. o. t. a., maj. 106 inf. hon. dis. . . 1 apr. 19	pvt. 6 sep. co. 20 nov. 00 lance corp. 1 feb. 03 2 lt. 6 Jan. 04 1 lt. 8 June 04 cap. 31 May 07 maj. 2 inf. 16 apr. 13 accepted. 16 apr. 13 full and hon. dis. . . 16 Mar. 14 r. l. 9 Jan. 18 col. 2 inf. 1 May 19 accepted. 3 May 19	N. Y. 25 feb. 77
Lieutenant Colonels				
Jackson, Alexander M., 10 nov. 17 f. and h. dis. . . 31 July 19	pvt., corp., sgt., co. E, 2 inf. 3 apr. 02 to 30 nov. 07 pvt., sgt., co. F, 2 inf. 10 Dec. 07 to 30 Dec. 10 pvt. hdqrs. detach- ment. 28 apr. 13 to 16 May 13 cap. o. d. 16 May 13 cap. 2 inf. 1 May 14 resigned. 3 July 15 r. l. 13 Apr. 16 cap. 29 Sep. 16 lt. col. 10 Nov. 17 accepted. 10 Nov. 17	W. I. 25 Dec. 78

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonels—Continued</i>				
Collin, Thomas Campbell, 1 aug. 19 reserve list.... 3 sep. 19	cap. co. B, 2 N. Y. vols.... 16 may 98 maj. 2 inf. N. Y. vols. 23 may 98 to 25 oct. 98	pvt. 7 co. 24 feb. 76 corp. 23 june 78 1 sgt. 5 oct. 78 2 lt. 21 feb. 81 1 lt. 7 may 84 hon. dis. 5 mar. 89 cap. 7 co. 19 june 90 hon. dis. 2 nov. 98 bvt. maj. 3 nov. 98 bvt. lt. col. 5 nov. 98 hon. dis. 29 may 03 cap. d. inf. 3 july 16 cap. 2 inf. 26 oct. 17 maj. 16 apr. 18 lt. col. 1 aug. 19 accepted. 3 aug. 19	Eng. 19 aug. 55
McGaffin, John, 3 sep. 19	1 lt. 2 N. Y. vols., 2 may 98 cap. 22 june 98 to 25 oct. 98 cap. inf. 27 nov. 17 to tr. C, 310 cav., 18 jan. 18 to 58 f. a., 3 oct. 18 to 20 am. tr. 16 nov. 18 hon. dis. . . 10 dec. 18	pvt. 7 sep. co. 9 may 87 corp. 28 dec. 88 to rank, request. . . 2 feb. 91 qm. s. 9 june 92 1 lt. 18 jan. 95 full and hon. dis. . . 27 may 01 1 lt. inf. 3 oct. 02 to 17 july 03 maj. 2 inf. 29 july 11 lt. col. 18 mar. 13 accepted. 24 mar. 13 full and hon. dis. . . 13 jan. 16 r. l. 14 july 16 dis. to enter U. S. ser. r. l. 23 dec. 18 lt. col. 2 inf. 3 sep. 19 accepted. 5 sep. 19	N. Y. 6 nov. 69
<i>Majors</i>				
Hays, Roscoe Grant, 7 nov. 17		pvt. 9 sep. co. 10 jan. 07 1 lt. 8 aug. 07 cap. 2 inf. 23 dec. 10 resigned. 13 dec. 13 cap. 2 inf. 30 june 16 maj. 7 nov. 17 accepted. 14 nov. 17	N. Y. 22 july 73
Wheaton, Van Benschoten, 16 apr. 18 reserve list.... 19 june 19	mustered into u. s. ser. 7 aug. 16 out — sep. 16	pvt. 46 sep. co. 3 sep. 88 full and hon. dis. 6 sep. 93 1 lt. 146 sep. co. 14 may 98 hon. dis. 24 apr. 98 pvt. co. H, 2 regt. 16 mar. 99 corp. 26 feb. 00 full and hon. dis. 29 mar. 01 2 lt. 2 regt. 29 mar. 01 full and hon. dis. 6 apr. 06 cap. depot bat. 2 inf. 20 june 16 cap. 2 inf. with o. r. 26 oct. 16 maj. 16 apr. 18 accepted. 17 apr. 18 2 prov. regt. 6 aug. 17 relieved. 5 oct. 18	N. Y. 4 aug. 70

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Majors—Continued				
Clinton, Jacob Sanders, 12 July 19	.....	pvt. co. F, 2 N. Y. inf. 2 May 98 to 31 Oct. 98 mustered into u. s. ser. 1 July 16 out 20 Oct. 16 into 30 Mar. 17 cap. 106 inf. hon. dis. . . 1 Apr. 19	pvt., corp., sgt., 37 sep. co. 3 mar. 98 hon. dis. 3 mar. 10 re-enlisted. 3 mar. 10 2 lt. 2 inf. 23 Dec. 10 1 lt. 29 May 12 cap. 29 Apr. 15 accepted. 30 Apr. 15 dft. 5 Aug. 17 r. l. 2 June 19 maj. 2 inf. 12 July 19 accepted. 15 July 19	N. Y. 4 Nov. 79
Donnelly, William Martin, 25 July 19 reserve list. . . 15 Sep. 19	.....	pvt. co. A, 2 N. Y. vols. 15 Feb. 98 to 25 Oct. 98	pvt. co. A, 2 inf. 26 Sep. 99 corp. 18 Apr. 01 sgt. 23 July 04 1 sgt. 6 July 07 full and hon. dis. 23 June 09 1 lt. 20 Nov. 17 cap. 10 May 18 maj. 25 July 19 accepted. 28 July 19	N. Y. 18 July 77
Bradshaw, George Frederick, 13 Sep. 19 Graduate Garrison Schools, 1915.	.....	1 sgt. co. C, 2 N. Y. inf. 2 May 98 to 25 Oct. 98 mustered into u. s. ser. 1 July 16 out 23 Oct. 16 into 30 Mar. 17 cap. 105 inf. hon. dis. . . 1 Apr. 19	pvt., corp., 12 sep. co., regt. sgt. maj., 2 inf. 24 Jun. 95 to 6 Dec. 09 1 lt. 2 inf. 6 Dec. 09 cap. 3 Apr. 13 accepted. 4 Apr. 13 dft. 5 Aug. 17 cap. 2 inf. 9 June 19 maj. 13 Sep. 19 accepted. 16 Sep. 19	N. Y. 10 Nov. 74
Captains				
Thiessen, Frederick Allen, 3 Apr. 16	adj.	mustered into u. s. ser. 1 July 16 out 30 Oct. 16 into 30 Mar. 17 cap. 105 inf. hon. dis. . . 28 July 19	pvt., corp., sgt., 6 sep. co. 18 Feb. 03 to 1 Aug. 11 2 lt. 2 inf. 1 Aug. 11 1 lt. 31 Jan. 13 cap. 3 Apr. 16 accepted. 3 Apr. 16 dft. 5 Aug. 17 r. l. 2 Sep. 19 cap. 2 inf. 19 Dec. 19 accepted. 28 Dec. 19	N. Y. 24 Apr. 85
Fremmer, Frank, 22 Aug. 16	G	.....	pvt. co. G, 2 inf. 9 Feb. 05 dropped. 25 Feb. 07 taken up. 16 Mar. 07 corp. 17 Mar. 09 qm. sgt. 2 Jan. 12 full and hon. dis. 26 May 13 re-enlisted. 26 May 13 2 lt. 24 July 13 full and hon. dis. 3 Aug. 14 r. l. 4 May 16 2 lt. depot bat. 2 inf. 11 July 16 cap. depot unit. 22 Aug. 16 cap. 2 inf. 26 Oct. 17 accepted. 3 Nov. 17 2 prov. regt. 6 Aug. 17	N. Y. 6 Feb. 84
Bastow, Elwood Thomas, 10 July 17 reserve list. . . 13 May 19	M	.....	cap. depot bat. 2 inf. 10 July 17 cap. 2 inf. with o. r. 26 Oct. 17 accepted. 31 Oct. 17 2 prov. regt. 25 Oct. 17 relieved. 31 Jan. 19	.....

SECOND INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Marsh, Clifford Myron, 18 July 17 f. and h. dis. . . . 19 Aug. 19	K		pvt. 118 sep. co. 14 May 98 2 lt. 16 May 98 supny. 10 Dec. 98 assigned 18 sep. co. . . . 8 Sep. 99 1 lt. 2 inf. 24 July 03 resigned. 3 June 09 cap. depot bat. 2 inf. 18 July 17 cap. 2 inf. 18 July 17 accepted. 31 Oct. 17	Conn.
Owen, Paul Dale, 15 Sep. 17 reserve list. . . . 17 Dec. 19	adjt.		pvt. co. A, 2 inf., trs. co. 1, 74 inf., trs. co. A, 2 inf., corp., post qm. sgt. 28 Oct. 08 to 2 May 13 2 lt. 2 May 13 full and hon. dis. . . . 24 Feb. 16 2 lt. 27 June 16 cap. 2 inf. 15 Sep. 17 accepted. 19 Sep. 17 act. adj. 2 prov. regt. 6 Aug. 17	N. Y. 18 June 89
Hughes, George, 15 Oct. 17 reserve list. . . . 29 Oct. 19	M	1 lt. 2 N. Y. inf., 2 May 98 to 1 Nov. 98 mustered into u. s. ser. 7 Aug. 16 out — Sep. 16	pvt. 46 sep. co. 3 Sep. 88 corp. 28 Nov. 88 sgt. 18 Apr. 92 1 lt. 18 Apr. 92 cap. 6 July 06 retired. 26 Nov. 13 r. l. 3 Aug. 16 cap. 2 inf. 15 Oct. 17 accepted. 15 Oct. 17 2 prov. regt. 15 Oct. 17	Ire. 16 Nov. 70
Strope, Oscar C., 30 Oct. 17	D	mustered into u. s. ser. 15 May 98 out 25 Oct. 98 into 30 Mar. 17 out 20 Aug. 17	pvt. 21 sep. co. 8 Mar. 95 full and hon. dis. . . . 10 Apr. 00 pvt. co. D, 2 inf. 9 Jan. 05 corp. 27 Jan. 06 sgt. 27 July 07 full and hon. dis. . . . 13 Dec. 08 re-enlisted, warrant continued. 13 Dec. 08 1 sgt. 20 Dec. 12 full and hon. dis. . . . 10 May 16 re-enlisted, warrant continued. 10 May 16 cap. 30 Oct. 17 accepted. 1 Nov. 17	N. Y. 25 Aug. 75
Barker, Charles W. T., 23 Nov. 17 hon. dis. 7 Feb. 19	A		1 lt. 13 Sep. 17 cap. 23 Nov. 17 accepted. 26 Nov. 17	
Stickney, Edward Poe, 4 Dec. 17 reserve list. . . . 10 Sep. 19	sup. off.		pvt. 6 sep. co. 22 Feb. 95 trs. 106 sep. co. 9 May 98 trs. 6 sep. co. 2 Nov. 98 corp. 11 June 03 bat. qm. sgt. 2 inf. . . . 7 Aug. 07 post qm. sgt. 24 Feb. 08 regt. qm. sgt. 22 Nov. 99 full and hon. dis. . . . 9 Jan. 11 cap. 4 Dec. 17 accepted. 4 Dec. 17 2 prov. regt. 13 Dec. 17 relieved. 15 May 19	
Beverly, George Curtis, 26 Dec. 17 reserve list. . . . 25 Mar. 19	I		1 lt. 26 Oct. 17 cap. 26 Dec. 17 accepted. 27 Dec. 17	Mass. 61

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Hickok, Paul R., 17 jan. 18	chap.	pvt. co. D, 8 inf. Ohio N. G. . . . 7 june 96 to 4 dec. 97 chap., cap. 5 inf. Ohio N. G. . . . 5 july 00 to 5 july 09	cap. 2 inf. N. Y. G. . . 17 jan. 18 accepted. 21 jan. 18	Neb. 6 apr. 77
Foster, Samuel H., 20 may 18 f. and h. dis. . . 18 apr. 19	B	pvt. co. B, 2 N. Y. vols. . . . 2 may 98 hon. dis. . . 25 oct. 98	pvt. 7 co. 24 aug. 91 corp. 21 mar. 94 dropped. 11 feb. 96 taken up. 21 apr. 96 dropped. 5 may 97 1 lt. 2 inf. 12 apr. 18 cap. 20 may 18 accepted. 22 may 18	N. Y. 28 july 72
Brown, Wayne Ramsay, 17 july 18 reserve list. . . 13 june 19	E		pvt. 37 co. 17 may 94 corp. 20 dec. 95 sgt. 14 dec. 96 sgt. maj. 2 inf. . . . 3 apr. 99 full and hon. dis. . . 16 nov. 00 1 lt. 2 inf. 26 dec. 17 cap. 17 july 18 accepted. 23 july 18	N. Y. 3 nov. 74
Bellows, Elbert E., 26 sep. 18	D	pvt. co. B, 22 N. Y. vols. . . . 17 jan. 98 to 23 nov. 98	1 lt. 5 bat. 30 jan. 18 cap. 26 sep. 18 accepted. 30 sep. 18	N. Y. 5 sep. 74
Knowles, Frederic A., 7 oct. 18 reserve list. . . 19 aug. 19	F		pvt. co. F, 2 inf. . . . 31 may 11 dis. 15 june 14 re-enlisted. 17 feb. 16 dis. 23 june 16 pvt. d. co. F, 2 inf. . . 8 july 16 1 lt. 26 dec. 17 cap. 7 oct. 18 accepted. 15 oct. 18	R. I. 23 apr. 84
Ramsay, George Ellis, 5 nov. 18	E	pvt. co. L, 2 N. Y. inf. 16 may 98 to 27 oct. 98 mustered into u. s. ser. 1 july 16 out 20 oct. 16 into 30 mar. 17 cap. 105 inf. 5 nov. 18 hon. dis. . . 5 sep. 19	pvt. 23 sep. co. 23 nov. 94 to 14 nov. 00 pvt., corp., sgt., 1 sgt. . 21 feb. 01 to 20 may 12 2 lt. 2 inf. 20 may 12 1 lt. 27 mar. 16 accepted. 29 mar. 16 dft. 5 aug. 17 cap. 2 inf. 26 sep. 19 accepted. 23 oct. 19	N. Y. 20 jan. 72
Utting, Le Roy F., 12 dec. 18			1 lt. 5 bat. 30 jan. 18 cap. 12 dec. 18 accepted. 16 dec. 18 to 2 inf. 9 sep. 19	N. Y. 12 may 88
Dunson, Frederick Warren, 21 dec. 18	L	pvt. co. L, 2 N. Y. vols. . . . 1 may 98 to 27 oct. 98	pvt. co. L, 2 inf. 28 apr. 98 corp. 2 mar. 01 sgt. 13 mar. 03 full and hon. dis. . . . 2 apr. 04 re-enlisted. 18 june 04 dropped. 14 nov. 04 taken up. 9 apr. 06 dropped. 17 aug. 07 full and hon. dis. . . . 21 may 12 pvt. co. L, 2 inf. 1 oct. 17 2 lt. 1 oct. 17 1 lt. 10 may 18 cap. 21 dec. 18 accepted. 24 dec. 18 2 prov. regt. 6 feb. 18	N. Y. 29 mar. 80

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Ross, Ogden J., 12 feb. 19	A	mustered into u. s. ser. 19 june 16 out 23 oct. 16 into 30 mar. 17 1 lt. 105 inf., 2 aug. 18 cap. 12 feb. 19 hon. dis. . . 1 apr. 19	pvt. co. A, 2 inf. 15 nov. 10 full and hon. dis. 13 dec. 15 re-enlisted. 28 dec. 15 2 lt. 24 mar. 17 accepted. 24 mar. 17 dft. 5 aug. 17 cap. 2 inf. 25 july 19 accepted. 26 july 19	N. Y. 6 apr. 93
Kennedy, Richard Oakley, 14 feb. 19 hon. dis. 6 june 19	A		2 lt. 13 sep. 17 1 lt. 23 nov. 17 cap. 14 feb. 19 accepted. 22 feb. 19	N. Y. 12 sep. 85
Hupman, Byron E., 28 may 19	I		pvt. co. I, 2 inf. 15 june 12 corp. 4 apr. 13 agt. 14 july 13 2 lt. inf. 13 oct. 14 accepted. 14 oct. 14 hon. dis. 24 feb. 16 r. l. 4 mar. 18 cap. 2 inf. 28 may 19 accepted. 31 may 19	N. Y. 28 feb. 93
Plumley, Charles Burton, 10 june 19	B	mustered into u. s. ser. 1 july 16 out 17 oct. 16 into 30 mar. 17 1 lt. 105 inf. hon. dis. . . 1 apr. 19	pvt., corp. 7 sep. co. 25 may 03 hon. dis. 3 aug. 08 re-enlisted. 3 aug. 08 to 13 dec. 11 1 lt. 2 inf. 13 dec. 11 accepted. 14 dec. 11 dft. 5 aug. 17 r. l. 9 june 19 cap. 2 inf. 10 june 19 accepted. 11 june 19	Vt. 24 sep. 83
Richardson, Fred A., 15 aug. 19 reserve list. . . . 17 oct. 19	i. s. a. p.		pvt. 6 co. 18 apr. 90 corp. 28 feb. 94 full and hon. dis. 11 july 95 re-enlisted. 15 dec. 95 corp. 13 jan. 96 agt. 31 mar. 99 full and hon. dis. 21 nov. 01 re-enlisted. 7 may 02 dropped. 21 nov. 03 2 lt. 2 inf. 3 dec. 18 cap. 15 aug. 19 accepted. 16 aug. 19	N. Y. 1 dec. 70
Brown, Thomas F., 15 aug. 19	H	mustered into u. s. ser. 1 july 16 out 19 oct. 16 into 30 mar. 17 1 lt. 105 inf. hon. dis. . . 1 apr. 19	pvt. co. H, 2 inf. 15 apr. 15 corp. 10 mar. 16 agt. 18 dec. 16 2 lt. 24 mar. 17 accepted. 24 mar. 17 dft. 5 aug. 17 r. l. 14 may 19 cap. 2 inf. 15 aug. 19 accepted. 21 aug. 19	N. Y. 4 mar. 95
Innes, William H., 2 sep. 19	F	pvt. co. D, 105 inf., 5 jan. 18 1 lt. o. t. s. 10 may 18 hon. dis. . . 1 apr. 19	pvt. co. E, 2 inf. 12 feb. 06 corp. 7 mar. 06 full and hon. dis. 26 feb. 11 re-enlisted and warrant con. agt. 28 july 11 bat. agt. maj. 15 feb. 12 full and hon. dis. 18 jan. 15 re-enlisted and warrant con. 2 lt. 2 inf. 20 apr. 16 accepted. 26 apr. 16 N. G. R. 7 july 16 hon. dis. 28 apr. 19 cap. 2 inf. 2 sep. 19 accepted. 8 sep. 19	N. Y. 19 july 87

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Carson, Russell Mack Little, 2 sep. 19	K	.....	pvt. co. K, 2 inf. 18 july 04 corp. 20 jan. 06 dropped. 15 aug. 07 taken up. 5 oct. 07 corp. 14 dec. 07 full and hon. dis. 25 oct. 09 1 lt. 2 inf. 10 sep. 17 cap. 2 sep. 19 accepted. 4 sep. 19	N. Y. 20 june 84
Farrell, Harry J., 15 oct. 19	sup. co.	mustered into u. s. ser. 19 june 16 out 23 oct. 16 into 30 mar. 17 sup. agt. 105 inf., hon. dis. ... 1 apr. 19	pvt. co. A, 2 inf. 9 nov. 03 full and hon. dis. 23 dec. 15 pvt. sup. co. 2 inf. 21 june 16 sup. agt. 9 july 16 dft. 5 aug. 17 2 lt. 2 inf. 2 sep. 19 cap. 15 oct. 19 accepted. 17 oct. 19	N. Y. 25 july 85
Roddy, George Thomas, 22 oct. 19	C	pvt., corp., co. C, 2 N. Y. inf. 2 may 98 to 25 oct. 98	pvt., agt., 1 agt. 12 sep. co. 11 mar. 95 to 23 aug. 04 2 lt. 23 aug. 04 resigned. 10 sep. 15 1 lt. depot bat. 2 inf. 27 june 16 cap. 6 aug. 17 1 lt. 24 may 19 cap. 22 oct. 19 accepted. 25 oct. 19 2 prov. regt. 8 aug. 17	N. Y. 19 june 76
Kipp, Marcus, 3 dec. 19	M	mustered into u. s. ser. 1 july 16 out 13 oct. 16 into 30 mar. 17 2 lt. inf. 6 june 18 hon. dis. 21 feb. 19	pvt. co. M, 2 inf. 20 nov. 11 corp. 31 oct. 14 full and hon. dis. 3 apr. 16 re-enlisted and warrant con. agt. 23 june 16 dft. 5 aug. 17 cap. 2 inf. 3 dec. 19 accepted. 9 dec. 19	Vt. 2 aug. 96
First Lieutenants				
Ryan, Edward L., 24 mar. 17	bat. adj.	mustered into u. s. ser. 1 july 16 out 13 oct. 16 into 30 mar. 17 1 lt. 105 inf. 1 apr. 19 hon. dis. 1 apr. 19	pvt. co. D, 2 inf. 13 jan. 16 corp. 15 july 16 1 lt. 2 inf. 24 mar. 17 accepted. 24 mar. 17 dft. 5 aug. 17 1 lt. 2 inf. 25 july 19 accepted. 29 july 19	N. Y. 27 june 95
Geesler, Le Roy, 10 july 17 reserve list. 6 june 19	bat. adj.	pvt. co. H, 2 regt., N. Y. vols. ... 2 may 98 to 1 nov. 98	pvt. 46 sep. co. 22 jan. 96 dropped. 28 apr. 99 taken up. 12 may 99 lance corp. 26 feb. 00 hon. dis. 11 nov. 01 pvt. 46 sep. co. 24 dec. 01 corp. 10 mar. 04 agt. 27 jan. 06 1 lt. 21 aug. 06 resigned. 19 feb. 12 1 lt. d. b. 2 inf. 10 july 17 1 lt. 2 inf., with o. r. 26 oct. 17 accepted. 30 july 17 2 prov. regt. 6 aug. 17 relieved. 12 oct. 18	N. Y. 26 sep. 78
Ehrlich, Oscar F., Jr., 6 aug. 17	G	.....	pvt. co. G, 2 inf., d. b. 26 june 17 1 lt. 6 aug. 17 accepted. 8 aug. 17	.....

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Shineman, Elmer A., 30 oct. 17	G	.....	pvt. co. D, 2 inf. 31 oct. 17 1 lt. 30 oct. 17 accepted. 1 nov. 17	N. Y. 10 feb. 78
Smith, William Kline, 26 dec. 17 reserve list. . . 17 mar. 19	plat'n G	u. s. ser., co. D, 11 u. s. inf., 17 may 98 to 24 apr. 99	pvt. 2 inf., co. G. 16 nov. 17 1 lt. 26 dec. 17 accepted. 28 dec. 17	N. Y. 5 may 80
Niles, Jesse Clarence, 26 dec. 17	M	.....	pvt. co. M, 2 inf. 26 nov. 00 corp. 27 aug. 06 sgt. 18 feb. 09 full and hon. dis. 16 jan. 13 1 lt. 2 inf. 26 dec. 17 accepted. 31 dec. 17	Vt. 26 aug. 79
Bell, Henry W., 26 dec. 17 reserve list. . . 25 mar. 19	I	.....	pvt. co. I, 2 inf. 13 aug. 17 2 lt. 1 oct. 17 1 lt. 26 ec. 17 accepted. 1 jan. 18 2 prov. regt. 1 oct. 17 relieved. 12 feb. 19	N. Y. 30 sep. 84
Farrington, Edgar C., 3 june 18	bat. adj.	.....	pvt. co. A, 2 inf. N. Y. N. G. 24 june 16 trans. co. I. 1 aug. 16 1 sgt. 2 aug. 16 N. G. R. 3 feb. 17 2 inf. 15 june 17 hon. dis. 27 aug. 17 1 lt. 2 inf. 3 june 18 accepted. 4 june 18	N. Y. 13 nov. 82
Sweet, Alonzo R., 19 june 18	B	mustered into u. s. ser. 1 july 16 out 17 oct. 16 into 30 mar. 17	pvt. co. B, 2 inf. 25 may 03 hon. dis. 3 aug. 08 re-enlisted. 12 oct. 08 corp. 12 jan. 12 hon. dis. 16 nov. 14 2 lt. 27 mar. 16 resigned. 6 aug. 17 1 lt. 2 inf. 19 june 18 accepted. 22 june 18 N. G. R. 18 mar. 19	N. Y. 19 sep. 83
Howard, Harry, 26 june 18 reserve list. 24 oct. 19	H	.....	pvt. co. H, 2 inf. 27 nov. 12 corp. 11 may 13 ord. sgt. 31 dec. 14 full and hon. dis. 11 dec. 15 1 lt. 2 inf. 26 june 18 accepted. 27 june 18	N. Y. 26 may 81
Kennedy, James Henry, 30 aug. 18	E	co. G, 21 u. s. inf., 1 apr. 98 full and hon. dis., 1 apr. 98 co. I, 11 u. s. inf., 13 june 98 hon. dis. 14 apr. 99 troop F, 5 u. s. cav., 25 oct. 99 full and hon. dis., 25 oct. 02	pvt. co. E, 2 inf. 15 nov. 17 1 sgt. 14 feb. 18 1 lt. 30 aug. 18 accepted. 7 sep. 18	5 mar. 73

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Pine, Warren A., 26 sep. 18 res: rve list.... 19 June 19	bat. adj.	.....	pvt. co. A, 2 regt. 19 July 00 dropped 11 Jan. 02 taken up 3 Mar. 02 trans. to tr. C. 2 Apr. 02 dropped 14 Oct. 03 taken up 1 Dec. 03 dropped 16 Feb. 04 taken up, co. A, 2 regt. 24 Apr. 05 dropped 5 Jan. 07 2 lt. 2 inf., N. Y. G. 5 Mar. 18 1 lt. 26 Sep. 18 accepted 1 Oct. 18	N. Y. 9 May 80
Beardsley, John K., 7 Oct. 18	pl't'n co. L	.....	pvt. co. B, 5 bat. 23 Nov. 17 2 lt. 5 bat. 30 Jan. 18 1 lt. 7 Oct. 18 accepted 17 Oct. 18 to 2 inf. 9 Sep. 19	N. Y. 14 Apr. 80
Taylor, Joseph H. W., 10 Oct. 18 reserve list.... 19 Aug. 19	F	mustered into u. s. ser. 1 July 16 out 4 Oct. 16 into 30 Mar. 17 hon. dis. 26 May 17	pvt. co. F, 2 inf. 5 July 04 corp. 28 Dec. 08 sgt. 16 Jan. 10 full and hon. dis. 14 Mar. 10 re-enlisted and warrant con. qm. sgt. 8 Feb. 14 full and hon. dis. 2 Mar. 15 re-enlisted and warrant con. hon. dis. 26 May 17 pvt. co. E, 2 inf. 18 July 17 mess sgt. 2 Aug. 17 1 lt. 2 inf. 10 Oct. 18 accepted 22 Oct. 18	.....
Bruce, Timothy E., 27 Nov. 18	pl't'n co. D	.....	pvt. co. C, 5 bat. 13 Nov. 17 hon. dis. 27 Mar. 18 2 lt. 5 bat. 30 Jan. 18 1 lt. 27 Nov. 18 accepted 5 Dec. 18 to 2 inf. 9 Sep. 19	11 June 78
Hall, Ramon L., 29 Nov. 18	bat. adj.	mustered into u. s. ser. 1 July 16 out 4 Oct. 16 into 30 Mar. 17 hon. dis. 4 May 18 1 lt. 105 inf. 29 Nov. 18 hon. dis. 16 Apr. 19	pvt. co. F, 2 inf. 9 Mar. 16 dft. 5 Aug. 17 1 lt. 2 inf. 15 Aug. 19 accepted 19 Aug. 19	Pa. 14 Dec. 90
Nims, Henry Miles, 7 Feb. 19	C	mustered into u. s. ser. 1 July 16 out 13 Oct. 16	pvt. 6 co. 7 Feb. 90 corp. 12 Oct. 92 sgt. 20 Oct. 93 1 sgt. 1 June 97 full and hon. dis. 1 May 98 re-enlisted 9 June 03 regt. sgt. maj. 16 May 10 hon. dis. 10 May 15 re-enlisted 17 May 15 hon. dis. 27 Nov. 16 2 lt. 2 inf. 13 Sep. 18 1 lt. 7 Feb. 19 2 lt. 29 May 19 1 lt. 24 Nov. 19 accepted 25 Nov. 19 2 prov. regt. 17 Sep. 18	N. Y. 5 Dec. 68
Connor, Thomas J., 24 Feb. 19	pl't'n D	.....	pvt. co. F, 5 bat. 4 Dec. 17 sgt. 13 Mar. 18 1 lt. 5 bat. 24 Feb. 19 accepted 1 Mar. 19	N. Y. 19 July 89

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Hagen, William, 18 mar. 19 reserve list.... 6 june 19	A	u. s. ser., co. A, 2 regt. 1 july 16 to 23 oct. 16	pvt. 6 sep. co. 7 nov. 87 trs. 106 co. 9 may 98 to 6 co. 2 nov. 98 corp. 19 mar. 04 agt. 26 june 09 1 sgt. 15 dec. 11 full and hon. dis. 18 oct. 15 re-enlisted, warrant continued. 22 oct. 15 hon. dis. 15 jan. 17 2 lt. N. Y. G. 23 nov. 17 1 lt. 18 mar. 19 accepted. 19 mar. 19	N. Y. 11 jan. 65
Layden, Leon M., 28 may 19 reserve list.... 16 dec. 19	I	inducted... 22 july 18 19 co 154 depot brig. f. a., c. o. t. s., 8 sep. 18 hon. dis. ... 30 nov. 18	1 lt. 2 inf. 28 may 19 accepted. 31 may 19	Vt. 17 dec. 93
Jaquay, Homer V., 4 sep. 19	A	mustered into u. s. ser. 1 july 16 out 17 oct. 16 into 30 mar. 17 3 o. t. s. 27 div.; 2 lt 166 inf. ... 1 june 18 hon. dis.	pvt. co. A, 2 inf. 17 mar. 14 dft. 5 aug. 17 1 lt. 2 inf. 4 sep. 19 accepted. 5 sep. 19	N. Y. 15 sep. 94
Carpenter, Lester G., 10 sep. 19	K	mustered into u. s. ser. 3 aug. 16 out 14 oct. 16 into 30 mar. 17 sgt. co. K, 105 inf., 4 may 18 o. t. s., France. hon. dis. ... 1 apr. 19	pvt. co. K, 2 inf. 14 july 16 dft. 5 aug. 17 1 lt. 2 inf. 10 sep. 19 accepted. 11 sep. 19	N. Y. 17 oct. 92
Bishop, Leonard A., 13 sep. 19	F	mustered into u. s. ser. 1 july 16 out 20 oct. 16 into 30 mar. 17 sgt. co. F, 105 inf., 2 lt. 1 june 18 to 7 inf. 5 july 19 hon. dis. ... 5 july 19	pvt. co. F, 2 inf. 19 june 16 1 cl. pvt. 18 july 16 corp. 9 apr. 17 sgt. 25 june 17 dft. 5 aug. 17 1 lt. 2 inf. 13 sep. 19 accepted. 16 sep. 19	N. Y. 27 nov. 95
Rogers, Peter J., 15 nov. 19	H	mustered into u. s. ser. 1 june 16 out 19 oct. 16 into 30 mar. 17 sgt. co. H, 105 inf., aug. 1918. hon. dis. ... 1 apr. 19	pvt. co. H, 2 inf. 2 jan. 15 1 cl. pvt. 24 july 16 corp. 18 dec. 16 dft. 5 aug. 17 1 lt. 2 inf. 15 nov. 19 accepted. 18 nov. 19	N. Y. 19 dec. 95
Smith, William R., 3 dec. 19	G	mustered into u. s. ser. 20 july 16 reported... 17 july 17 corp. 105 inf., — aug. 17 agt. 9 aug. 18 2 lt. inf. 1 nov. 18 hon. dis. ... 2 apr. 19	pvt. co. G, 2 inf. 16 sep. 13 corp. 16 dec. 15 to N. G. R. 15 sep. 16 2 lt. 2 inf. 2 sep. 19 1 lt. 3 dec. 19 accepted. 8 dec. 19	N. Y. 26 june 95

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Second Lieutenants				
Steever, James Orrville 6 aug. 17 reserve list... 10 June 19	H	priv. co. H, 2 inf. 9 oct. 93 N. Y. lance corp. 5 mar. 96 21 sep. corp. 14 Jan. 97 76 tra. 146 sep. co. May 98 tra. co. H, 2 inf. sgt. 27 Jan. 06 full and hon. dis. 10 Apr. 93 2 h. 2 inf. 6 Aug. 17 accepted. 9 Aug. 17 2 prov. regt. 6 Aug. 17		
Duckro, Frank William 6 Aug. 17 hon. dis. 30 Apr. 19	G	2 h. 6 Aug. 17 accepted. 28 Aug. 17 2 prov. regt. 6 Aug. 17		
Gardner, Frederick H. 30 Oct. 17	D	priv. co. D, 2 inf. 31 Oct. 17 N. Y. 2 h. 30 Oct. 17 26 Apr. accepted. 1 Nov. 17 71		
Mayer, Charles L. 31 Jan. 18 1 and 2 dis. 27 Jan. 19		priv. co. A, 2 inf. 10 July 95 N. Y. corp. 2 Feb. 03 19 sep. sgt. 27 Dec. 04 77 full and hon. dis. 18 Sep. 09 2 h. 2 inf. 30 Jan. 18 accepted. 1 Feb. 18 2 prov. regt. 25 Feb. 18		
McGowan, Arthur J. 17 Aug. 18	E	transferred into A 1 priv. co. E, 2 inf. ser. 1 July 10 100 priv. co. E, 2 inf. 1 Aug. 10 101 priv. co. E, 2 inf. 1 Aug. 10 102 priv. co. E, 2 inf. 1 Aug. 10 103 priv. co. E, 2 inf. 1 Aug. 10 104 priv. co. E, 2 inf. 1 Aug. 10 105 priv. co. E, 2 inf. 1 Aug. 10 106 priv. co. E, 2 inf. 1 Aug. 10 107 priv. co. E, 2 inf. 1 Aug. 10 108 priv. co. E, 2 inf. 1 Aug. 10 109 priv. co. E, 2 inf. 1 Aug. 10 110 priv. co. E, 2 inf. 1 Aug. 10 111 priv. co. E, 2 inf. 1 Aug. 10 112 priv. co. E, 2 inf. 1 Aug. 10 113 priv. co. E, 2 inf. 1 Aug. 10 114 priv. co. E, 2 inf. 1 Aug. 10 115 priv. co. E, 2 inf. 1 Aug. 10 116 priv. co. E, 2 inf. 1 Aug. 10 117 priv. co. E, 2 inf. 1 Aug. 10 118 priv. co. E, 2 inf. 1 Aug. 10 119 priv. co. E, 2 inf. 1 Aug. 10 120 priv. co. E, 2 inf. 1 Aug. 10 121 priv. co. E, 2 inf. 1 Aug. 10 122 priv. co. E, 2 inf. 1 Aug. 10 123 priv. co. E, 2 inf. 1 Aug. 10 124 priv. co. E, 2 inf. 1 Aug. 10 125 priv. co. E, 2 inf. 1 Aug. 10 126 priv. co. E, 2 inf. 1 Aug. 10 127 priv. co. E, 2 inf. 1 Aug. 10 128 priv. co. E, 2 inf. 1 Aug. 10 129 priv. co. E, 2 inf. 1 Aug. 10 130 priv. co. E, 2 inf. 1 Aug. 10 131 priv. co. E, 2 inf. 1 Aug. 10 132 priv. co. E, 2 inf. 1 Aug. 10 133 priv. co. E, 2 inf. 1 Aug. 10 134 priv. co. E, 2 inf. 1 Aug. 10 135 priv. co. E, 2 inf. 1 Aug. 10 136 priv. co. E, 2 inf. 1 Aug. 10 137 priv. co. E, 2 inf. 1 Aug. 10 138 priv. co. E, 2 inf. 1 Aug. 10 139 priv. co. E, 2 inf. 1 Aug. 10 140 priv. co. E, 2 inf. 1 Aug. 10 141 priv. co. E, 2 inf. 1 Aug. 10 142 priv. co. E, 2 inf. 1 Aug. 10 143 priv. co. E, 2 inf. 1 Aug. 10 144 priv. co. E, 2 inf. 1 Aug. 10 145 priv. co. E, 2 inf. 1 Aug. 10 146 priv. co. E, 2 inf. 1 Aug. 10 147 priv. co. E, 2 inf. 1 Aug. 10 148 priv. co. E, 2 inf. 1 Aug. 10 149 priv. co. E, 2 inf. 1 Aug. 10 150 priv. co. E, 2 inf. 1 Aug. 10 151 priv. co. E, 2 inf. 1 Aug. 10 152 priv. co. E, 2 inf. 1 Aug. 10 153 priv. co. E, 2 inf. 1 Aug. 10 154 priv. co. E, 2 inf. 1 Aug. 10 155 priv. co. E, 2 inf. 1 Aug. 10 156 priv. co. E, 2 inf. 1 Aug. 10 157 priv. co. E, 2 inf. 1 Aug. 10 158 priv. co. E, 2 inf. 1 Aug. 10 159 priv. co. E, 2 inf. 1 Aug. 10 160 priv. co. E, 2 inf. 1 Aug. 10 161 priv. co. E, 2 inf. 1 Aug. 10 162 priv. co. E, 2 inf. 1 Aug. 10 163 priv. co. E, 2 inf. 1 Aug. 10 164 priv. co. E, 2 inf. 1 Aug. 10 165 priv. co. E, 2 inf. 1 Aug. 10 166 priv. co. E, 2 inf. 1 Aug. 10 167 priv. co. E, 2 inf. 1 Aug. 10 168 priv. co. E, 2 inf. 1 Aug. 10 169 priv. co. E, 2 inf. 1 Aug. 10 170 priv. co. E, 2 inf. 1 Aug. 10 171 priv. co. E, 2 inf. 1 Aug. 10 172 priv. co. E, 2 inf. 1 Aug. 10 173 priv. co. E, 2 inf. 1 Aug. 10 174 priv. co. E, 2 inf. 1 Aug. 10 175 priv. co. E, 2 inf. 1 Aug. 10 176 priv. co. E, 2 inf. 1 Aug. 10 177 priv. co. E, 2 inf. 1 Aug. 10 178 priv. co. E, 2 inf. 1 Aug. 10 179 priv. co. E, 2 inf. 1 Aug. 10 180 priv. co. E, 2 inf. 1 Aug. 10 181 priv. co. E, 2 inf. 1 Aug. 10 182 priv. co. E, 2 inf. 1 Aug. 10 183 priv. co. E, 2 inf. 1 Aug. 10 184 priv. co. E, 2 inf. 1 Aug. 10 185 priv. co. E, 2 inf. 1 Aug. 10 186 priv. co. E, 2 inf. 1 Aug. 10 187 priv. co. E, 2 inf. 1 Aug. 10 188 priv. co. E, 2 inf. 1 Aug. 10 189 priv. co. E, 2 inf. 1 Aug. 10 190 priv. co. E, 2 inf. 1 Aug. 10 191 priv. co. E, 2 inf. 1 Aug. 10 192 priv. co. E, 2 inf. 1 Aug. 10 193 priv. co. E, 2 inf. 1 Aug. 10 194 priv. co. E, 2 inf. 1 Aug. 10 195 priv. co. E, 2 inf. 1 Aug. 10 196 priv. co. E, 2 inf. 1 Aug. 10 197 priv. co. E, 2 inf. 1 Aug. 10 198 priv. co. E, 2 inf. 1 Aug. 10 199 priv. co. E, 2 inf. 1 Aug. 10 200 priv. co. E, 2 inf. 1 Aug. 10 201 priv. co. E, 2 inf. 1 Aug. 10 202 priv. co. E, 2 inf. 1 Aug. 10 203 priv. co. E, 2 inf. 1 Aug. 10 204 priv. co. E, 2 inf. 1 Aug. 10 205 priv. co. E, 2 inf. 1 Aug. 10 206 priv. co. E, 2 inf. 1 Aug. 10 207 priv. co. E, 2 inf. 1 Aug. 10 208 priv. co. E, 2 inf. 1 Aug. 10 209 priv. co. E, 2 inf. 1 Aug. 10 210 priv. co. E, 2 inf. 1 Aug. 10 211 priv. co. E, 2 inf. 1 Aug. 10 212 priv. co. E, 2 inf. 1 Aug. 10 213 priv. co. E, 2 inf. 1 Aug. 10 214 priv. co. E, 2 inf. 1 Aug. 10 215 priv. co. E, 2 inf. 1 Aug. 10 216 priv. co. E, 2 inf. 1 Aug. 10 217 priv. co. E, 2 inf. 1 Aug. 10 218 priv. co. E, 2 inf. 1 Aug. 10 219 priv. co. E, 2 inf. 1 Aug. 10 220 priv. co. E, 2 inf. 1 Aug. 10 221 priv. co. E, 2 inf. 1 Aug. 10 222 priv. co. E, 2 inf. 1 Aug. 10 223 priv. co. E, 2 inf. 1 Aug. 10 224 priv. co. E, 2 inf. 1 Aug. 10 225 priv. co. E, 2 inf. 1 Aug. 10 226 priv. co. E, 2 inf. 1 Aug. 10 227 priv. co. E, 2 inf. 1 Aug. 10 228 priv. co. E, 2 inf. 1 Aug. 10 229 priv. co. E, 2 inf. 1 Aug. 10 230 priv. co. E, 2 inf. 1 Aug. 10 231 priv. co. E, 2 inf. 1 Aug. 10 232 priv. co. E, 2 inf. 1 Aug. 10 233 priv. co. E, 2 inf. 1 Aug. 10 234 priv. co. E, 2 inf. 1 Aug. 10 235 priv. co. E, 2 inf. 1 Aug. 10 236 priv. co. E, 2 inf. 1 Aug. 10 237 priv. co. E, 2 inf. 1 Aug. 10 238 priv. co. E, 2 inf. 1 Aug. 10 239 priv. co. E, 2 inf. 1 Aug. 10 240 priv. co. E, 2 inf. 1 Aug. 10 241 priv. co. E, 2 inf. 1 Aug. 10 242 priv. co. E, 2 inf. 1 Aug. 10 243 priv. co. E, 2 inf. 1 Aug. 10 244 priv. co. E, 2 inf. 1 Aug. 10 245 priv. co. E, 2 inf. 1 Aug. 10 246 priv. co. E, 2 inf. 1 Aug. 10 247 priv. co. E, 2 inf. 1 Aug. 10 248 priv. co. E, 2 inf. 1 Aug. 10 249 priv. co. E, 2 inf. 1 Aug. 10 250 priv. co. E, 2 inf. 1 Aug. 10 251 priv. co. E, 2 inf. 1 Aug. 10 252 priv. co. E, 2 inf. 1 Aug. 10 253 priv. co. E, 2 inf. 1 Aug. 10 254 priv. co. E, 2 inf. 1 Aug. 10 255 priv. co. E, 2 inf. 1 Aug. 10 256 priv. co. E, 2 inf. 1 Aug. 10 257 priv. co. E, 2 inf. 1 Aug. 10 258 priv. co. E, 2 inf. 1 Aug. 10 259 priv. co. E, 2 inf. 1 Aug. 10 260 priv. co. E, 2 inf. 1 Aug. 10 261 priv. co. E, 2 inf. 1 Aug. 10 262 priv. co. E, 2 inf. 1 Aug. 10 263 priv. co. E, 2 inf. 1 Aug. 10 264 priv. co. E, 2 inf. 1 Aug. 10 265 priv. co. E, 2 inf. 1 Aug. 10 266 priv. co. E, 2 inf. 1 Aug. 10 267 priv. co. E, 2 inf. 1 Aug. 10 268 priv. co. E, 2 inf. 1 Aug. 10 269 priv. co. E, 2 inf. 1 Aug. 10 270 priv. co. E, 2 inf. 1 Aug. 10 271 priv. co. E, 2 inf. 1 Aug. 10 272 priv. co. E, 2 inf. 1 Aug. 10 273 priv. co. E, 2 inf. 1 Aug. 10 274 priv. co. E, 2 inf. 1 Aug. 10 275 priv. co. E, 2 inf. 1 Aug. 10 276 priv. co. E, 2 inf. 1 Aug. 10 277 priv. co. E, 2 inf. 1 Aug. 10 278 priv. co. E, 2 inf. 1 Aug. 10 279 priv. co. E, 2 inf. 1 Aug. 10 280 priv. co. E, 2 inf. 1 Aug. 10 281 priv. co. E, 2 inf. 1 Aug. 10 282 priv. co. E, 2 inf. 1 Aug. 10 283 priv. co. E, 2 inf. 1 Aug. 10 284 priv. co. E, 2 inf. 1 Aug. 10 285 priv. co. E, 2 inf. 1 Aug. 10 286 priv. co. E, 2 inf. 1 Aug. 10 287 priv. co. E, 2 inf. 1 Aug. 10 288 priv. co. E, 2 inf. 1 Aug. 10 289 priv. co. E, 2 inf. 1 Aug. 10 290 priv. co. E, 2 inf. 1 Aug. 10 291 priv. co. E, 2 inf. 1 Aug. 10 292 priv. co. E, 2 inf. 1 Aug. 10 293 priv. co. E, 2 inf. 1 Aug. 10 294 priv. co. E, 2 inf. 1 Aug. 10 295 priv. co. E, 2 inf. 1 Aug. 10 296 priv. co. E, 2 inf. 1 Aug. 10 297 priv. co. E, 2 inf. 1 Aug. 10 298 priv. co. E, 2 inf. 1 Aug. 10 299 priv. co. E, 2 inf. 1 Aug. 10 300 priv. co. E, 2 inf. 1 Aug. 10 301 priv. co. E, 2 inf. 1 Aug. 10 302 priv. co. E, 2 inf. 1 Aug. 10 303 priv. co. E, 2 inf. 1 Aug. 10 304 priv. co. E, 2 inf. 1 Aug. 10 305 priv. co. E, 2 inf. 1 Aug. 10 306 priv. co. E, 2 inf. 1 Aug. 10 307 priv. co. E, 2 inf. 1 Aug. 10 308 priv. co. E, 2 inf. 1 Aug. 10 309 priv. co. E, 2 inf. 1 Aug. 10 310 priv. co. E, 2 inf. 1 Aug. 10 311 priv. co. E, 2 inf. 1 Aug. 10 312 priv. co. E, 2 inf. 1 Aug. 10 313 priv. co. E, 2 inf. 1 Aug. 10 314 priv. co. E, 2 inf. 1 Aug. 10 315 priv. co. E, 2 inf. 1 Aug. 10 316 priv. co. E, 2 inf. 1 Aug. 10 317 priv. co. E, 2 inf. 1 Aug. 10 318 priv. co. E, 2 inf. 1 Aug. 10 319 priv. co. E, 2 inf. 1 Aug. 10 320 priv. co. E, 2 inf. 1 Aug. 10 321 priv. co. E, 2 inf. 1 Aug. 10 322 priv. co. E, 2 inf. 1 Aug. 10 323 priv. co. E, 2 inf. 1 Aug. 10 324 priv. co. E, 2 inf. 1 Aug. 10 325 priv. co. E, 2 inf. 1 Aug. 10 326 priv. co. E, 2 inf. 1 Aug. 10 327 priv. co. E, 2 inf. 1 Aug. 10 328 priv. co. E, 2 inf. 1 Aug. 10 329 priv. co. E, 2 inf. 1 Aug. 10 330 priv. co. E, 2 inf. 1 Aug. 10 331 priv. co. E, 2 inf. 1 Aug. 10 332 priv. co. E, 2 inf. 1 Aug. 10 333 priv. co. E, 2 inf. 1 Aug. 10 334 priv. co. E, 2 inf. 1 Aug. 10 335 priv. co. E, 2 inf. 1 Aug. 10 336 priv. co. E, 2 inf. 1 Aug. 10 337 priv. co. E, 2 inf. 1 Aug. 10 338 priv. co. E, 2 inf. 1 Aug. 10 339 priv. co. E, 2 inf. 1 Aug. 10 340 priv. co. E, 2 inf. 1 Aug. 10 341 priv. co. E, 2 inf. 1 Aug. 10 342 priv. co. E, 2 inf. 1 Aug. 10 343 priv. co. E, 2 inf. 1 Aug. 10 344 priv. co. E, 2 inf. 1 Aug. 10 345 priv. co. E, 2 inf. 1 Aug. 10 346 priv. co. E, 2 inf. 1 Aug. 10 347 priv. co. E, 2 inf. 1 Aug. 10 348 priv. co. E, 2 inf. 1 Aug. 10 349 priv. co. E, 2 inf. 1 Aug. 10 350 priv. co. E, 2 inf. 1 Aug. 10 351 priv. co. E, 2 inf. 1 Aug. 10 352 priv. co. E, 2 inf. 1 Aug. 10 353 priv. co. E, 2 inf. 1 Aug. 10 354 priv. co. E, 2 inf. 1 Aug. 10 355 priv. co. E, 2 inf. 1 Aug. 10 356 priv. co. E, 2 inf. 1 Aug. 10 357 priv. co. E, 2 inf. 1 Aug. 10 358 priv. co. E, 2 inf. 1 Aug. 10 359 priv. co. E, 2 inf. 1 Aug. 10 360 priv. co. E, 2 inf. 1 Aug. 10 361 priv. co. E, 2 inf. 1 Aug. 10 362 priv. co. E, 2 inf. 1 Aug. 10 363 priv. co. E, 2 inf. 1 Aug. 10 364 priv. co. E, 2 inf. 1 Aug. 10 365 priv. co. E, 2 inf. 1 Aug. 10 366 priv. co. E, 2 inf. 1 Aug. 10 367 priv. co. E, 2 inf. 1 Aug. 10 368 priv. co. E, 2 inf. 1 Aug. 10 369 priv. co. E, 2 inf. 1 Aug. 10 370 priv. co. E, 2 inf. 1 Aug. 10 371 priv. co. E, 2 inf. 1 Aug. 10 372 priv. co. E, 2 inf. 1 Aug. 10 373 priv. co. E, 2 inf. 1 Aug. 10 374 priv. co. E, 2 inf. 1 Aug. 10 375 priv. co. E, 2 inf. 1 Aug. 10 376 priv. co. E, 2 inf. 1 Aug. 10 377 priv. co. E, 2 inf. 1 Aug. 10 378 priv. co. E, 2 inf. 1 Aug. 10 379 priv. co. E, 2 inf. 1 Aug. 10 380 priv. co. E, 2 inf. 1 Aug. 10 381 priv. co. E, 2 inf. 1 Aug. 10 382 priv. co. E, 2 inf. 1 Aug. 10 383 priv. co. E, 2 inf. 1 Aug. 10 384 priv. co. E, 2 inf. 1 Aug. 10 385 priv. co. E, 2 inf. 1 Aug. 10 386 priv. co. E, 2 inf. 1 Aug. 10 387 priv. co. E, 2 inf. 1 Aug. 10 388 priv. co. E, 2 inf. 1 Aug. 10 389 priv. co. E, 2 inf. 1 Aug. 10 390 priv. co. E, 2 inf. 1 Aug. 10 391 priv. co. E, 2 inf. 1 Aug. 10 392 priv. co. E, 2 inf. 1 Aug. 10 393 priv. co. E, 2 inf. 1 Aug. 10 394 priv. co. E, 2 inf. 1 Aug. 10 395 priv. co. E, 2 inf. 1 Aug. 10 396 priv. co. E, 2 inf. 1 Aug. 10 397 priv. co. E, 2 inf. 1 Aug. 10 398 priv. co. E, 2 inf. 1 Aug. 10 399 priv. co. E, 2 inf. 1 Aug. 10 400 priv. co. E, 2 inf. 1 Aug. 10 401 priv. co. E, 2 inf. 1 Aug. 10 402 priv. co. E, 2 inf. 1 Aug. 10 403 priv. co. E, 2 inf. 1 Aug. 10 404 priv. co. E, 2 inf. 1 Aug. 10 405 priv. co. E, 2 inf. 1 Aug. 10 406 priv. co. E, 2 inf. 1 Aug. 10 407 priv. co. E, 2 inf. 1 Aug. 10 408 priv. co. E, 2 inf. 1 Aug. 10 409 priv. co. E, 2 inf. 1 Aug. 10 410 priv. co. E, 2 inf. 1 Aug. 10 411 priv. co. E, 2 inf. 1 Aug. 10 412 priv. co. E, 2 inf. 1 Aug. 10 413 priv. co. E, 2 inf. 1 Aug. 10 414 priv. co. E, 2 inf. 1 Aug. 10 415 priv. co. E, 2 inf. 1 Aug. 10 416 priv. co. E, 2 inf. 1 Aug. 10 417 priv. co. E, 2 inf. 1 Aug. 10 418 priv. co. E, 2 inf. 1 Aug. 10 419 priv. co. E, 2 inf. 1 Aug. 10 420 priv. co. E, 2 inf. 1 Aug. 10 421 priv. co. E, 2 inf. 1 Aug. 10 422 priv. co. E, 2 inf. 1 Aug. 10 423 priv. co. E, 2 inf. 1 Aug. 10 424 priv. co. E, 2 inf. 1 Aug. 10 425 priv. co. E, 2 inf. 1 Aug. 10 426 priv. co. E, 2 inf. 1 Aug. 10 427 priv. co. E, 2 inf. 1 Aug. 10 428 priv. co. E, 2 inf. 1 Aug. 10 429 priv. co. E, 2 inf. 1 Aug. 10 430 priv. co. E, 2 inf. 1 Aug. 10 431 priv. co. E, 2 inf. 1 Aug. 10 432 priv. co. E, 2 inf. 1 Aug. 10 433 priv. co. E, 2 inf. 1 Aug. 10 434 priv. co. E, 2 inf. 1 Aug. 10 435 priv. co. E, 2 inf. 1 Aug. 10 436 priv. co. E, 2 inf. 1 Aug. 10 437 priv. co. E, 2 inf. 1 Aug. 10 438 priv. co. E, 2 inf. 1 Aug. 10 439 priv. co. E, 2 inf. 1 Aug. 10 440 priv. co. E, 2 inf. 1 Aug. 10 441 priv. co. E, 2 inf. 1 Aug. 10 442 priv. co. E, 2 inf. 1 Aug. 10 443 priv. co. E, 2 inf. 1 Aug. 10 444 priv. co. E, 2 inf. 1 Aug. 10 445 priv. co. E, 2 inf. 1 Aug. 10 446 priv. co. E, 2 inf. 1 Aug. 10 447 priv. co. E, 2 inf. 1 Aug. 10 448 priv. co. E, 2 inf. 1 Aug. 10 449 priv. co. E, 2 inf. 1 Aug. 10 450 priv. co. E, 2 inf. 1 Aug. 10 451 priv. co. E, 2 inf. 1 Aug. 10 452 priv. co. E, 2 inf. 1 Aug. 10 453 priv. co. E, 2 inf. 1 Aug. 10 454 priv. co. E, 2 inf. 1 Aug. 10 455 priv. co. E, 2 inf. 1 Aug. 10 456 priv. co. E, 2 inf. 1 Aug. 10 457 priv. co. E, 2 inf. 1 Aug. 10 458 priv. co. E, 2 inf. 1 Aug. 10 459 priv. co. E, 2 inf. 1 Aug. 10 460 priv. co. E, 2 inf. 1 Aug. 10 461 priv. co. E, 2 inf. 1 Aug. 10 462 priv. co. E, 2 inf. 1 Aug. 10 463 priv. co. E, 2 inf. 1 Aug. 10 464 priv. co. E, 2 inf. 1 Aug. 10 465 priv. co. E, 2 inf. 1 Aug. 10 466 priv. co. E, 2 inf. 1 Aug. 10 467 priv. co. E, 2 inf. 1 Aug. 10 468 priv. co. E, 2 inf. 1 Aug. 10 469 priv. co. E, 2 inf. 1 Aug. 10 470 priv. co. E, 2 inf. 1 Aug. 10 471 priv. co. E, 2 inf. 1 Aug. 10 472 priv. co. E, 2 inf. 1 Aug. 10 473 priv. co. E, 2 inf. 1 Aug. 10 474 priv. co. E, 2 inf. 1 Aug. 10 475 priv. co. E, 2 inf. 1 Aug. 10 476 priv. co. E, 2 inf. 1 Aug. 10 477 priv. co. E, 2 inf. 1 Aug. 10 478 priv. co. E, 2 inf. 1 Aug. 10 479 priv. co. E, 2 inf. 1 Aug. 10 480 priv. co. E, 2 inf. 1 Aug. 10 481 priv. co. E, 2 inf. 1 Aug. 10 482 priv. co. E, 2 inf. 1 Aug. 10 483 priv. co. E, 2 inf. 1 Aug. 10 484 priv. co. E, 2 inf. 1 Aug. 10 485 priv. co. E, 2 inf. 1 Aug. 10 486 priv. co. E, 2 inf. 1 Aug. 10 487 priv. co. E, 2 inf. 1 Aug. 10 488 priv. co. E, 2 inf. 1 Aug. 10 489 priv. co. E, 2 inf. 1 Aug. 10 490 priv. co. E, 2 inf. 1 Aug. 10 491 priv. co. E, 2 inf. 1 Aug. 10 492 priv. co. E, 2 inf. 1 Aug. 10 493 priv. co. E, 2 inf. 1 Aug. 10 494 priv. co. E, 2 inf. 1 Aug. 10 495 priv. co. E, 2 inf. 1 Aug. 10 496 priv. co. E, 2 inf. 1 Aug. 10 497 priv. co. E, 2 inf. 1 Aug. 10 498 priv. co. E, 2 inf. 1 Aug. 10 499 priv. co. E, 2 inf. 1 Aug. 10 500 priv. co. E, 2 inf. 1 Aug. 10 501 priv. co. E, 2 inf. 1 Aug. 10 502 priv. co. E, 2 inf. 1 Aug. 10 503 priv. co. E, 2 inf. 1 Aug. 10 504 priv. co. E, 2 inf. 1 Aug. 10 505 priv. co. E, 2 inf. 1 Aug. 10 506 priv. co. E, 2 inf. 1 Aug. 10 507 priv. co. E, 2 inf. 1 Aug. 10 508 priv. co. E, 2 inf. 1 Aug. 10 509 priv. co. E, 2 inf. 1 Aug. 10 510 priv. co. E, 2 inf. 1 Aug. 10 511 priv. co. E, 2 inf. 1 Aug. 10 512 priv. co. E, 2 inf. 1 Aug. 10 513 priv. co. E, 2 inf. 1 Aug. 10 514 priv. co. E, 2 inf. 1 Aug. 10 515 priv. co. E, 2 inf. 1 Aug. 10 516 priv. co. E, 2 inf. 1 Aug. 10 517 priv. co. E, 2 inf. 1 Aug. 10 518 priv. co. E, 2 inf. 1 Aug. 10 519 priv. co. E, 2 inf. 1 Aug. 10 520 priv. co. E, 2 inf. 1 Aug. 10 521 priv. co. E, 2 inf. 1 Aug. 10 522 priv. co. E, 2 inf. 1 Aug. 10 523 priv. co. E, 2 inf. 1 Aug. 10 524 priv. co. E, 2 inf. 1 Aug. 10 525 priv. co. E, 2 inf. 1 Aug. 10 526 priv. co. E, 2 inf. 1 Aug. 10 527 priv. co. E, 2 inf. 1 Aug. 10 528 priv. co. E, 2 inf. 1 Aug. 10 529 priv. co. E, 2 inf. 1 Aug. 10 530 priv. co. E, 2 inf. 1 Aug. 10 531 priv. co. E, 2 inf. 1 Aug. 10 532 priv. co. E, 2 inf. 1 Aug. 10 533 priv. co. E, 2 inf. 1 Aug. 10 534 priv. co. E, 2 inf. 1 Aug. 10 535 priv. co. E, 2 inf. 1 Aug. 10 536 priv. co. E, 2 inf. 1 Aug. 10 537 priv. co. E, 2 inf. 1 Aug. 10 538 priv. co. E, 2 inf. 1 Aug. 10 539 priv. co. E, 2 inf. 1 Aug. 10 540 priv. co. E, 2 inf. 1 Aug. 10 541 priv. co. E, 2 inf. 1 Aug. 10 542 priv. co. E, 2 inf. 1 Aug. 10 543 priv. co. E, 2 inf. 1 Aug. 10 544 priv. co. E, 2 inf. 1 Aug. 10 545 priv. co. E, 2 inf. 1 Aug. 10 546 priv. co. E, 2 inf. 1 Aug. 10 547 priv. co. E, 2 inf. 1 Aug. 10 548 priv. co. E, 2 inf. 1 Aug. 10 549 priv. co. E, 2 inf. 1 Aug. 10 550 priv. co. E, 2 inf. 1 Aug. 10 551 priv. co. E, 2 inf. 1 Aug. 10 552 priv. co. E, 2 inf. 1 Aug. 10 553 priv. co. E, 2 inf. 1 Aug. 10 554 priv. co. E, 2 inf. 1 Aug. 10 555 priv. co. E, 2 inf. 1 Aug. 10 556 priv. co. E, 2 inf. 1 Aug. 10 557 priv. co. E, 2 inf. 1 Aug. 10 558 priv. co. E, 2 inf. 1 Aug. 10 559 priv. co. E, 2 inf. 1 Aug. 10 560 priv. co. E, 2 inf. 1 Aug. 10 561 priv. co. E, 2 inf. 1 Aug. 10 562 priv. co. E, 2 inf. 1 Aug. 10 563 priv. co. E, 2 inf. 1 Aug. 10 564 priv. co. E, 2 inf. 1 Aug. 10 565 priv. co. E, 2 inf. 1 Aug. 10 566 priv. co. E, 2 inf. 1 Aug. 10 567 priv. co. E, 2 inf. 1 Aug. 10 568 priv. co. E, 2 inf. 1 Aug. 10 569 priv. co. E, 2 inf. 1 Aug. 10 570 priv. co. E, 2 inf. 1 Aug. 10 571 priv. co. E, 2 inf. 1 Aug. 10 572 priv. co. E, 2 inf. 1 Aug. 10 573 priv. co. E, 2 inf. 1 Aug. 10 574 priv. co. E, 2 inf. 1 Aug. 10 575 priv. co. E, 2 inf. 1 Aug. 10 576 priv. co. E, 2 inf. 1 Aug. 10 577 priv. co. E, 2 inf. 1 Aug. 10 578 priv. co. E, 2 inf. 1 Aug. 10 579 priv. co. E, 2 inf. 1 Aug. 10 580 priv. co. E, 2 inf. 1 Aug. 10 581 priv. co. E, 2 inf. 1 Aug. 10 582 priv. co. E, 2 inf. 1 Aug. 10 583 priv. co. E, 2 inf. 1 Aug. 10 584 priv. co. E, 2 inf. 1 Aug. 10 585		

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Continued</i>				
Hallenbeck, Milton H., 25 sep. 18	F	mustered into u. s. ser. 1 July 16 out 23 Oct. 16 into 30 Mar. 17 2 lt. inf. 25 sep. 18 to 350 inf.; to 325 inf. 19 Mar. 19 hon. dis. 9 May 19	pvt. co. F, 2 inf. 22 June 16 corp. 23 Mar. 17 sgt. 5 Aug. 17 dft. 5 Aug. 17 2 lt. 2 inf. 24 Dec. 19 accepted 2 Jan. 20	N. Y. 14 Apr. 97
Butler, Clarence Kilmer, 26 sep. 18			pvt. co. L, 2 inf. 12 Oct. 17 sgt. 18 Jan. 18 2 lt. 26 Sep. 18 accepted 28 Sep. 18	N. Y. 3 Nov. 91
Reed, John L., 30 Oct. 18	B	mustered into u. s. ser. 30 Mar. 17 2 lt. 106 inf. 30 Oct. 18 hon. dis. 1 Apr. 19	pvt. co. B, 2 inf. 26 May 17 dft. 5 Aug. 17 2 lt. 2 inf. 25 July 19 accepted 29 July 19	N. Y. 29 Dec. 95
Smith, Edward M., 31 Oct. 18 f. and h. dis. 26 June 19			pvt. co. B, 2 inf. 16 Oct. 05 full and hon. dis. 24 Oct. 10 2 lt. 2 inf. 31 Oct. 18 accepted 4 Nov. 18	Mich. 9 Dec. 79
Slover, Walter Le Roy, 20 Nov. 18 reserve list. 19 Aug. 19			pvt. co. F, 2 regt. 19 Jan. 04 full and hon. dis. 21 Apr. 11 re-enlisted. 8 June 11 corp. 29 Mar. 12 pvt. 3 Apr. 13 dropped 18 Apr. 14 taken up, co. F. 6 June 16 full and hon. dis. 7 June 16 re-enlisted. 8 June 16 dis. 26 June 16 re-enlisted, co. F. 1 July 16 sgt. 2 Aug. 17 1 sgt. 17 Jan. 18 2 lt. 2 inf. 20 Nov. 18 accepted 26 Nov. 18	N. Y. 7 Sep. 83
Davidson, William B., 27 Nov. 18	D		pvt. co. B, 5 bat. 1 Nov. 17 sup. sgt. 19 Jan. 18 2 lt. 5 bat. 27 Nov. 18 accepted 5 Dec. 18 to 2 inf. 9 Sep. 19	N. Y. 12 Feb. 92
Colburn, Arthur G., 24 Jan. 19	sup. co.		pvt. co. F, d. b. 2 inf. 23 May 17 corp. 2 Aug. 17 sgt. 17 Jan. 18 2 lt. 2 inf. 24 Jan. 19 accepted 25 Jan. 19	Vt. 5 Apr. 89
Slater, Francis H., 13 Feb. 19 hon. dis. 24 Dec. 19			pvt. co. C, 5 bat. 13 Nov. 17 2 lt. 5 bat. 13 Feb. 19 accepted 15 Feb. 19 to 2 inf. 9 Sep. 19	N. Y. 18 July 78
Treanor, James C., 2 Sep. 19	sup. co.	mustered into u. s. ser. 25 July 17 to 102 am. tr., 21 Oct. 17 hon. dis. 1 Apr. 19	pvt. ord. det. 9 May 17 hon. dis. 23 July 17 pvt. am. tr. 25 July 17 corp. 1 Aug. 17 dft. 5 Aug. 17 r. l. as corp. 12 Apr. 19 pvt. co. C, 2 inf. — May 19 2 lt. 2 inf. 2 Sep. 19 accepted 6 Sep. 19	N. Y. 23 Apr. 97

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants</i>				
Sleaser, James Orville, 6 aug. 17 reserve list.... 10 june 19	H	.....	pvt. co. H, 2 inf. 9 oct. 93 lance corp. 5 mar. 96 corp. 14 jan. 97 trs. 146 sep. co. — may 98 trs. co. H, 2 inf. sgt. 27 jan. 06 full and hon. dis. 10 apr. 93 2 lt. 2 inf. 6 aug. 17 accepted. 9 aug. 17 2 prov. regt. 6 aug. 17	N. Y. 21 sep. 76
Durkee, Frank William, 6 aug. 17 hon. dis. 30 apr. 19	G	.....	2 lt. 6 aug. 17 accepted. 28 aug. 17 2 prov. regt. 6 aug. 17	.....
Goertner, Frederick H., 30 oct. 17	D	.....	pvt. co. D, 2 inf. 31 oct. 17 2 lt. 30 oct. 17 accepted. 1 nov. 17	N. Y. 18 apr. 81
Moore, Charles L., 30 jan. 18 f. and h. dis. 27 jan. 19	.....	.....	pvt. co. A, 2 inf. 10 july 95 corp. 2 feb. 03 sgt. 17 dec. 05 full and hon. dis. 13 sep. 09 2 lt. 2 inf. 30 jan. 18 accepted. 5 feb. 18 2 prov. regt. 15 feb. 18	N. Y. 19 sep. 77
McGovern, Arthur J., 15 may 18	E	mustered into u. s. ser. 1 july 16 out 20 oct. 18 into 30 mar. 17 2 lt. inf. 15 may 18 hon. dis. 1 apr. 19	pvt. co. E, 2 inf. 23 sep. 15 corp. 23 june 16 dft. 5 aug. 17 2 lt. 2 inf. 15 aug. 19 accepted. 22 sep. 19	N. Y. 23 may 92
Ingloe, John Charles, 23 may 18 reserve list.... 25 mar. 19	I	.....	pvt. 109 co. 23 may 98 dis. 23 nov. 98 pvt. co. I, 2 regt. 30 nov. 99 h. c. pvt. 19 aug. 00 pvt. 26 oct. 00 h. c. pvt. 7 jan. 03 full and hon. dis. 30 dec. 07 pvt. co. I, 2 regt. 5 nov. 08 corp. 7 dec. 08 sgt. 4 mar. 12 full and hon. dis. 2 jan. 14 re-enlisted. 2 jan. 14 full and hon. dis. 8 may 15 2 lt. co. I, 2 inf. 23 may 18 accepted. 24 may 18	N. Y. 23 nov. 77
Wolff, Ever C., 3 june 18	M	mustered into u. s. ser. 1 july 16 out 13 oct. 16 into 30 mar. 17 hon. dis. 20 apr. 17	pvt. co. M, 2 inf. 21 dec. 14 corp. 24 mar. 16 hon. dis. 20 apr. 17 2 lt. 2 inf. 3 june 18 accepted. 6 june 18	Den. 15 aug. 76
Geiser, Albert, 17 july 18	A	mustered into u. s. ser. 1 june 16 out 10 oct. 16 into 30 mar. 17 2 lt. inf. 17 july 18 hon. dis. 6 jan. 19	pvt. co. A, 2 inf. 7 mar. 16 dft. 5 aug. 17 2 lt. 4 sep. 19 accepted. 5 sep. 19	N. Y. 29 nov. 89

SECOND INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Continued</i>				
Hallenbeck, Milton H., 25 sep. 18	F	mustered into u. s. ser. 1 July 16 out 23 Oct. 16 into 30 Mar. 17 2 lt. inf. 25 sep. 18 to 350 inf.; to 325 inf. 19 Mar. 19 hon. dis. ... 9 May 19	pvt. co. F, 2 inf. 22 June 16 corp. 23 Mar. 17 sgt. 5 Aug. 17 dft. 5 Aug. 17 2 lt. 2 inf. 24 Dec. 19 accepted. 2 Jan. 20	N. Y. 14 Apr. 97
Butler, Clarence Kilmer, 26 sep. 18			pvt. co. L, 2 inf. 12 Oct. 17 sgt. 18 Jan. 18 2 lt. 26 Sep. 18 accepted. 28 Sep. 18	N. Y. 3 Nov. 91
Reed, John L., 30 Oct. 18	B	mustered into u. s. ser. 30 Mar. 17 2 lt. 106 inf. 30 Oct. 18 hon. dis. ... 1 Apr. 19	pvt. co. B, 2 inf. 26 May 17 dft. 5 Aug. 17 2 lt. 2 inf. 25 July 19 accepted. 29 July 19	N. Y. 29 Dec. 95
Smith, Edward M., 31 Oct. 18 f. and h. dis. ... 26 June 19			pvt. co. B, 2 inf. 16 Oct. 05 full and hon. dis. 24 Oct. 10 2 lt. 2 inf. 31 Oct. 18 accepted. 4 Nov. 18	Mich. 9 Dec. 79
Slover, Walter Le Roy, 20 Nov. 18 reserve list. 19 Aug. 19			pvt. co. F, 2 regt. 19 Jan. 04 full and hon. dis. 21 Apr. 11 re-enlisted. 8 June 11 corp. 29 Mar. 12 pvt. 3 Apr. 13 dropped. 18 Apr. 14 taken up, co. F. 6 June 16 full and hon. dis. 7 June 16 re-enlisted. 8 June 16 dis. 26 June 16 re-enlisted, co. F. 1 July 16 sgt. 2 Aug. 17 1 sgt. 17 Jan. 18 2 lt. 2 inf. 20 Nov. 18 accepted. 26 Nov. 18	N. Y. 7 Sep. 83
Davidson, William B., 27 Nov. 18	D		pvt. co. B, 5 bat. 1 Nov. 17 sup. sgt. 19 Jan. 18 2 lt. 5 bat. 27 Nov. 18 accepted. 5 Dec. 18 to 2 inf. 9 Sep. 19	N. Y. 12 Feb. 92
Colburn, Arthur G., 24 Jan. 19	sup. co.		pvt. co. F, d. b. 2 inf. 23 May 17 corp. 2 Aug. 17 sgt. 17 Jan. 18 2 lt. 2 inf. 24 Jan. 19 accepted. 25 Jan. 19	Vt. 5 Apr. 89
Slater, Francis H., 13 Feb. 19 hon. dis. 24 Dec. 19			pvt. co. C, 5 bat. 13 Nov. 17 2 lt. 5 bat. 13 Feb. 19 accepted. 15 Feb. 19 to 2 inf. 9 Sep. 19	N. Y. 18 July 78
Treanor, James C., 2 Sep. 19	sup. co.	mustered into u. s. ser. 25 July 17 to 102 am. tr. 21 Oct. 17 hon. dis. ... 1 Apr. 19	pvt. ord. det. 9 May 17 hon. dis. 23 July 17 pvt. am. tr. 25 July 17 corp. 1 Aug. 17 dft. 5 Aug. 17 r. l. as corp. 12 Apr. 19 pvt. co. C, 2 inf. May 19 2 lt. 2 inf. 2 Sep. 19 accepted. 6 Sep. 19	N. Y. 23 Apr. 97

SECOND INFANTRY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Concluded</i>				
Hamilton, Ralph W., 4 sep. 19	K	.....	pvt. co. K, 2 inf. 6 aug. 17 sup. sgt. 28 jan. 18 2 lt. 2 inf. 4 sep. 19 accepted 5 sep. 19	N. Y. 28 july 92
Howe, William H., 6 oct. 19	H	r. o. t. c., Ft. Niagara, 24 aug. 17 to 6 oct. 17	2 lt. 2 inf. 6 oct. 19 accepted 7 oct. 19	N. Y. 24 jan. 82
Sabo, Jacob N., 22 oct. 19	I	mustered into u. s. ser. 1 july 16 out 7 oct. 16 into 30 mar. 17 sgt. 105 inf. hon. dis. . . 1 apr. 19	pvt. co. I, 2 inf. 23 dec. 12 corp. 24 may 15 full and hon. dis. 16 june 16 re-enlisted and warrant con. sgt. 19 july 16 dft. 5 aug. 17 pvt. co. I, 2 inf. 12 june 19 1 sgt. 22 sep. 19 2 lt. 2 inf. 22 oct. 19 accepted 28 oct. 19	Pa. 4 aug. 96
Hubbard, Edward J., 29 oct. 19	C	mustered into u. s. ser. 1 july 16 out 23 oct. 16 into 30 mar. 17 sgt. 105 inf., 2 lt. 30 inf. hon. dis. . . 13 sep. 19	pvt. co. C, 2 inf. 25 june 16 sgt. 11 may 17 dft. 5 aug. 17 r. l. 26 sep. 19 2 lt. 2 inf. 24 dec. 19 accepted 26 dec. 19	N. Y. 5 dec. 85

THIRD INFANTRY, N. Y. G.

(Fourth Brigade)

Headquarters, Armory, West Jefferson Street, Syracuse, N. Y.

Reorganized under G. O. 58, A. G. O., November 22, 1917, to consist of all infantry units mustered into the New York Guard from the counties of Jefferson, Lewis, Oswego, Onondaga, Cortland, Cayuga, Seneca, Ontario, Wayne, Livingston and Monroe.

By same order Company C, 1st Infantry, was attached to this regiment and designated Company E. Companies F and I, 3d Infantry, were transferred to the 74th Infantry and Companies K and L, 3d Infantry, were transferred to 4th Infantry.

Originally attached to the 2d Brigade. Transferred to 4th Brigade by G. O. 64, A. G. O., December 22, 1917.

COMPANY A

Armory, 920 Main Street, Rochester

Organized as a Depot Unit July, 1917. Mustered into New York Guard November 21, 1917.

COMPANY B

Headquarters, Geneva Platoon, 300 Main Street — Clyde Platoon

Geneva Platoon organized as a Depot Unit July, 1917. Mustered into State service July 30, 1917. Mustered into New York Guard November 5, 1917. Clyde Platoon organized as a Home Defense Unit. Mustered into New York Guard October 20, 1917.

COMPANY C

State Armory, West Jefferson Street, Syracuse

Organized as a Depot Unit July, 1917. Mustered into New York Guard October 6, 1917.

COMPANY D

State Armory, 257-271 West First Street, Oswego

Organized as a Depot Unit July, 1917. Mustered into State service July 30, 1917. Mustered into New York Guard February 14, 1918.

COMPANY E

(Formerly Company C, 1st Infantry)

Armory, 44 Arsenal Street, Watertown

Organized as a Depot Unit July, 1917. Mustered into New York Guard January 22, 1918.

COMPANY F

Headquarters, Sonyea

Organized as a Home Defense Unit. Mustered into New York Guard October 18, 1917.

COMPANY G

State Armory, 920 Main Street, Rochester

Organized as a Depot Unit July, 1917. Mustered into New York Guard October 15, 1917.

COMPANY H

Headquarters, State Armory, 920 Main Street, Rochester — Platoon at Williamson

Organized as a Depot Unit July, 1917. Mustered into New York Guard February 4, 1918.

Williamson Platoon — Organized as a Home Defense Unit. Mustered into New York Guard December 27, 1917. Attached to Company H, October 3, 1918.

COMPANY I

Headquarters, Brockport — Platoon at Morton

Organized as a Home Defense Unit July, 1917. Brockport Platoon mustered into New York Guard October 15, 1917.

Morton Platoon mustered into New York Guard October 17, 1917.

COMPANY K

Headquarters, Canandaigua — Platoon at Clifton Springs

Organized as Home Defense Units. Canandaigua Platoon mustered into New York Guard October 24, 1917.

Clifton Springs Platoon mustered into New York Guard November 14, 1918.

COMPANY L

Headquarters, Honeoye Falls — Platoon at East Bloomfield

Organized as Home Defense Units. Honeoye Falls Platoon mustered into New York Guard October 19, 1917.

East Bloomfield Platoon mustered into New York Guard November 12, 1917.

THIRD INFANTRY — NEW YORK GUARD — (Continued)

COMPANY M

State Armory, 97 State Street, Auburn

Organized as a Depot Unit July, 1917. Mustered into State service July, 1917. Mustered into New York Guard November 16, 1917

COMPANY N

Headquarters, Cortland

Organized as a Home Defense Unit. Mustered into New York Guard November 21, 1917, as supply company. Changed to Company N, December 14, 1917.

COMPANY R

(Formerly Platoon Company E.)

Headquarters, Pulaski

Organized as a Home Defense Unit. Mustered into New York Guard April 3, 1918.

COMPANY S

Headquarters, Salamanca

Organized as a Depot Battery, 1st Field Artillery, N. G., N. Y., and mustered into State service August 20, 1917. Assigned to 3d Field Artillery as Battery A, S. O. 255, A. G. O., October 6, 1917. Assigned to this regiment May 24, 1918 as Company S. Detached, and assigned to 1st Field Artillery as Battery A, June 28, 1919. (G. O. 16.)

COMPANY T

Fourth Ambulance Company assigned December 11, 1918 and designated Company T. Detached June 28, 1919 and reorganized as 4th Ambulance Company.

SUPPLY COMPANY

Newark Platoon, mustered in March 9, 1918.

The following organizations were disbanded and mustered out: Morton Platoon, Company I, January 27, 1919; Honcoye Falls Platoon, Company L, February 18, 1919; Company N, Cortland, June 16, 1919; Clifton Springs Platoon, Company K, August 11, 1919; Company R, Pulaski, September 17, 1919; Company F, Sonyea, October 28, 1919.

Assignments and Redesignations

Old designation	New designation
Company E, 3d Infantry, Watertown.....	Company L
Company I, Brookport.....	Company F, Platoon
Company K, Canandaigua.....	Company E
Company L, East Bloomfield.....	Company E, Platoon
Company F, 74th Infantry, Medina.....	Company F
Company A, 5th Battalion, Malone.....	Company K
Company D, Ogdensburg.....	Company I
Company E, Chateaugay.....	Company K, Platoon
Company G, Massena.....	Company I, Platoon

Recognized by War Department as National Guard: Company A, June 28, 1919; Companies B, C and D, June 30, 1919; Companies G and H, August 21, 1919; Company M, September 29, 1919; Company F, November 25, 1919; Machine Gun Company, December 4, 1919; Company K (2 Platoons), December 22, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—War with Spain, 1898; Mexican Border, 1916; World War, 1917.

On the State Color.—Buffalo, 1892.

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonels</i>				
Brown, Howard Kirk, 9 nov. 17 f. and. h. dis. . . 6 mar. 19	pvt. tr. A, N. Y. cav., 23 July 98 to 28 nov. 98	pvt. tr. 3, sq. A. 19 July 98 dropped. . . 22 dec. 98 9 June taken up 41 sep. co. . . 25 sep. 03 1 lt. tr. D. 10 may 04 a. d. c. to gov. 1 jan. 07 cap. tr. D. 30 aug. 07 relieved, aide to gov. . 12 oct. 09 tra. 1 cav. 28 dec. 11 maj. 1 cav. 21 June 12 full and hon. dis. 10 dec. 14 r. l. 8 July 16 duty with depot tr. D, 1 cav. 8 July 16 r. l. 23 mar. 17 maj., inf. 27 oct. 17 col. 9 nov. 17 accepted. 24 nov. 17	N. Y. 77
Thompson, John Sylvester, 1 oct. 19	mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 17 apr. 17 maj. 108 inf. . . 13 oct. 18 hon. dis. . . 31 mar. 19	pvt., corp., sgt., 29 sep. co. 29 jan. 00 to 25 oct. 07 2 lt. 25 oct. 07 1 lt. 3 inf. 2 mar. 12 cap. 25 may 14 accepted. 28 may 14 dft. 5 aug. 17 r. l. maj. 8 may 19 lt. col. 3 inf. 13 sep. 19 col. 1 oct. 19 accepted. 3 oct. 19	Can. 3 June 73
<i>Lieutenants Colonels</i>				
Van Duyn, Wilbur, 29 July 18 f. and h. dis. . . 21 aug. 19	adit.		pvt. tr. D, cav. 21 mar. 05 corp. 4 oct. 09 sgt. 25 may 10 qm. sgt. 9 oct. 11 full and hon. dis. 2 jan. 13 cap. 3 inf. 11 dec. 17 lt. col. 29 July 18 accepted. 1 aug. 18	N. Y. 19 July 82
Merrill, Samuel Herbert, 21 oct. 19	mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 15 apr. 17 maj. 108 inf. . . 19 feb. 19 hon. dis. . . 31 mar. 19	pvt. 134 sep. co., tra. 34 sep. co., corp., sgt., qm. sgt., 1 sgt. 20 may 98 to 14 dec. 06 1 lt. 14 dec. 06 cap. 19 oct. 14 accepted. 22 oct. 14 dft. 5 aug. 17 r. l. maj. 6 may 19 lt. col. 3 inf. 21 oct. 19 accepted. 22 oct. 19	N. Y. 3 dec. 78
<i>Majors</i>				
Setright, James C., 15 dec. 17 reserve list. . . 10 feb. 19		enl. tr. D, 1 cav. 19 may 10 full and hon. dis. 13 oct. 15 maj., 3 inf. 15 dec. 17 accepted. 18 dec. 17	N. Y. 22 aug. 84
Stallman, Benjamin G., 4 feb. 18		pvt. co. A, 2 bat. 16 feb. 99 corp. 11 oct. 02 sgt. 10 mar. 06 full and hon. dis. 14 jan. 07 1 lt. 3 inf. 25 oct. 17 maj. 14 feb. 18 accepted. 15 feb. 18	N. Y. 24 nov. 76

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors—Concluded</i>				
Galord, Melvin Snow, 10 may 18 reserve list.... 19 aug. 19			pvt 34 sep. co..... 16 mar. 88 corp..... 28 dec. 93 sgt..... 14 dec. 96 full and hon. dis..... 8 nov. 97 pvt. 134 sep. co..... 20 may 98 2 lt. 134 sep. co..... 3 june 98 supn..... 17 dec. 98 detailed to active duty with depot bat. 3 inf..... 5 july 16 2 lt. depot bat. 3 inf. 25 june 16 cap. 3 inf..... 8 jan. 18 maj..... 10 may 18 accepted..... 11 may 18	N. Y. mar. 71
Prune, Frederick V., 10 feb. 19 reserve list.... 14 june 19			tr. D. cav..... 1 dec. 08 hon. dis..... 23 jan. 12 re-enlisted..... 7 feb. 13 dropped..... 6 jan. 15 2 lt. 3 inf..... 2 jan. 18 cap..... 26 aug. 18 maj..... 10 feb. 19 accepted..... 11 feb. 19	N. Y. 22 apr. 86
Farmer, Harry Haile, 14 june 19		mustered into u. s. ser..... 5 july 16 out 5 oct. 18 into 17 apr. 17 cap. 108 inf. hon. dis... 31 mar. 19	pvt. 141 sep. co..... 21 may 98 hon. dis..... 27 dec. 98 2 lt. 3 inf..... 23 dec. 12 1 lt..... 2 july 13 cap..... 7 apr. 17 accepted..... 10 apr. 17 dft..... 5 aug. 17 maj. 3 inf..... 14 june 19 accepted..... 16 june 19	N. Y. 26 june 71
Johnston, Frederick S., 21 oct. 19		mustered into u. s. ser..... 5 july 16 out 5 oct. 18 into 17 apr. 17 cap. 108 inf. hon. dis... 31 mar. 19	pvt. 2 sep co..... 26 sep. 99 dropped..... 3 may 02 taken up..... 27 sep. 02 corp..... 13 aug. 94 qm. sgt..... 12 jan. 07 1 lt. 3 inf..... 26 nov. 10 with rank from..... 17 nov. 10 cap..... 3 may 11 resigned..... 10 may 15 r. l..... 19 july 15 cap. 3 inf..... 27 mar. 16 with rank from..... 21 jan. 16 accepted..... 29 mar. 16 dft..... 5 aug. 17 r. l..... 19 may 19 maj. 3 inf..... 21 oct. 19 accepted..... 23 oct. 19	N. Y. 16 nov. 75
<i>Captains</i>				
Briggs, Clark Arthur, 10 dec. 13	I	mustered into u. s. ser..... 23 july 17 cap. 1 pioneer inf., 9 july 18 hon. dis... 21 feb. 19	pvt., corp., sgt., 1 sgt. 40 sep. co..... 25 oct. 98 hon. dis..... 28 may 06 1 lt. 40 sep. co..... 17 oct. 07 cap. 1 inf..... 10 dec. 13 accepted..... 12 dec. 13 dft..... 5 aug. 17 cap. 3 inf..... 8 oct. 19 accepted..... 14 oct. 19	N. Y. 28 aug. 77

THIRD INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Ryan, Richard John, 30 mar. 14	L	pvt., E batty. Royal Can artillery, 9 jan. 00 to 9 jan. 01 mustered into u. s. ser. 17 July 17 hon. dis. 17 July 19	pvt., corp., qm. sgt., co. C, 1 inf. 23 feb. 04 hon. dis. 1 mar. 06 pvt. co. C, 1 inf. 1 mar. 09 to 16 aug. 09 1 lt. 24 feb. 13 cap. 30 mar. 14 accepted. 2 apr. 14 dft. 5 aug. 17 cap. 3 inf. 13 nov. 19 accepted. 17 nov. 19	Can. 10 sep. 76
Smith, Arthur Thomas, 1 apr. 18	A	mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 17 apr. 17 cap. 108 inf. hon. dis. 31 mar. 19	pvt., co. A, 3 inf. 6 mar. 12 to 1 apr. 13 2 lt. 1 apr. 13 1 lt. 11 dec. 14 cap. 1 apr. 16 accepted. 3 apr. 16 dft. 5 aug. 17 r. l. 10 sep. 19 cap. 3 inf., N. Y. N. G. 4 dec. 19 accepted. 4 dec. 19	N. Y. 6 nov. 86
Genaway, John W., 8 July 16	K	pvt. co. M, 203 N. Y. vols. 11 July 98 dis. as sgt. 25 mar. 00	pvt. 27 sep. co. 21 dec. 94 corp. 17 jan. 98 dropped. 30 sep. 98 taken up. 26 sep. 99 full and hon. dis. 23 jan. 00 re-enlisted, co. E, 4 bat. 11 dec. 00 sgt. 14 feb. 01 full and hon. dis. 25 May 03 re-enlisted, co. K, 1 inf. 18 nov. 04 1 sgt. 17 dec. 04 full and hon. dis. 13 apr. 06 cap. d. b. 1 inf. 8 July 16 cap. 1 inf. 15 sep. 17 accepted. 18 sep. 17 tra. to 5 bat. 22 nov. 17 to 3 inf. 1 aug. 19 cap. 3 inf. N. Y. N. G. 22 dec. 19 accepted. 22 dec. 19	N. Y. 30 July 73
Plank, Fred Watson, 3 Aug. 16 f. and h. dis. ... 3 June 19	D	.....	pvt. 48 sep. co. 21 May 97 tra. to 148 sep. co. 6 June 98 tra. to 48 sep. co. 20 Dec. 98 corp. 19 June 00 sgt. 30 July 03 2 lt. 19 Feb. 07 1 lt. 3 inf. 18 May 10 with rank from. 10 May 10 full and hon. dis. 17 Nov. 11 r. l. 5 July 16 duty with depot bat. 3 inf. 6 July 16 cap. depot bat. 3 inf. 3 Aug. 16 cap. 3 inf. 30 Jan. 18 accepted. 1 Feb. 18 2 prov. regt. 6 Aug. 17 relieved. 12 Feb. 19	N. Y. 6 Mar. 78
Kidney, Harry Richard, 14 June 17 f. and h. dis. ... 4 June 19	M	.....	pvt. 2 sep. co. 25 Sep. 82 promoted corp. 2 June 85 sgt. 6 July 86 full and hon. dis. 30 July 89 cap. depot bat. 3 inf. 14 June 17 cap. 3 inf. 30 Jan. 18 accepted. 6 Feb. 18	N. Y. 7 June 80

THIRD INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Callaway, James C., 25 oct. 17 reserve list.... 29 sep. 19	I		cap. 3 inf. 25 oct. 17 accepted..... 29 oct. 17	Mo. 13 ju'y 80
Shanahan, William Thomas 25 oct. 17 reserve list.... 29 aug. 19	F		cap. 3 inf. 25 oct. 17 accepted..... 30 oct. 17	N. Y. 14 may 78
Stierly, Edward S., 25 oct. 17 reserve list.... 12 ju'y 19	A		pvt. 8 sep. co. 26 apr. 99 corp. 14 jan. 07 sgt. 21 jan. 13 full and hon. dis. 14 sep. 14 re-enlisted, warrant continued. 15 sep. 14 dis. 16 apr. 17 cap. 3 inf. 25 oct. 17 accepted..... 31 oct. 17	N. Y. 12 nov. 71
Teller, Charles Francis, 11 dec. 17 reserve list.... 15 sep. 19	i. s. a. p.		pvt. tr. D. cav. 8 apr. 09 qm. sgt. 23 may 14 reduced to ranks. 11 aug. 16 hon. dis. 30 aug. 16 cap. 3 inf. 11 dec. 17 accepted..... 13 dec. 17	N. Y. 25 june 75
Norris, Thomas K., 2 jan. 18 reserve list.... 29 aug. 19	N		cap. 3 inf. 2 jan. 18 accepted..... 9 jan. 18	N. Y. 25 aug. 72
Park, James W., 18 jan. 18	E	Ohio N. G. 26 apr. 98 to 26 may 99 6 O. N. G. 3 ju'y 99 to 3 nov. 02	cap. 3 inf. 18 jan. 18 accepted..... 12 feb. 18	Ohio 26 nov. 80
Warren, Ulysses G., 23 jan. 18		Del. N. G., apr.-sep., 1890. mustered into u. s. ser. 30 june 16 dis. p. d. 17 nov. 16	chaplain, 47 inf. 11 ju'y 10 r. l. 28 mar. 16 chap. 1 cav. 13 june 16 dis. 17 nov. 16 cap. 3 inf. 23 jan. 18 accepted..... 28 jan. 18	Md. 4 ju'y 72
Herman, Clayton J., 2 feb. 18	G		cap. 3 inf. 14 feb. '18 accepted..... 15 feb. 18 pvt. co. A, 3 inf. 8 aug. 19 hon. dis. 18 aug. 19 cap. 3 inf. 19 aug. 19 accepted..... 21 aug. 19	N. Y. 28 apr. 89
Bingeman, E. Russell, 4 feb. 18	H	pvt., corp., sgt., co. B, 26 U. S. vols., — ju'y 99 dis. — may 01	2 lt. 3 inf. 25 oct. 17 cap. 14 feb. 18 pvt. co. A, 3 inf. 8 aug. 19 hon. dis. 18 aug. 19 cap. 3 inf. N. Y. N. G. 19 aug. 19 accepted..... 25 aug. 19	N. Y. 1 ju'y 92
Bentley, William K., 19 apr. 18 reserve list.... 29 aug. 19	R		cap. 3 inf. 19 apr. 18 accepted..... 20 apr. 18	N. Y. 12 ju'y 83
Hubbard, Theodore G., 1 ju'y 18 reserve list.... 27 feb. 19	B		7 regt. 1899-1900 depot unit, co. B. 25 june 16 3 inf. N. Y. G. 5 nov. 17 2 lt. 8 jan. 18 cap. 1 ju'y 18 accepted..... 13 ju'y 18	N. Y. 25 mar. 76

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Hodder, William Lord, 10 July 18	M	mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 16 Apr. 17 cap. 108 inf., 10 July 18 hon. dis. . . 7 Mar. 19	pvt., corp., sgt., 2 sep. co. 26 Apr. 04 to 28 Dec. 11 2 lt. 3 inf. 28 Dec. 11 1 lt. 17 July 15 resigned. 30 Mar. 17 1 lt. 16 Apr. 17 accepted. 18 Apr. 17 dft. 5 Aug. 17 r. l. cap. 16 May 19 cap. 3 inf., N. Y. G. . . 4 June 19 cap. 3 inf., N. Y. N. G. 15 Oct. 19 accepted. 22 Oct. 19	N. Y. 18 May 79
Kloch, Karl Theodore, 9 Aug. 18	adj.		pvt. co. C, 3 inf. 20 Jan. 09 corp. 23 May 10 sgt. 31 Dec. 10 dropped. 11 June 11 taken up. 19 Feb. 12 dropped. 20 May 12 taken up. 3 Jan. 13 2 lt. 30 July 13 r. l. 31 July 15 co. A, 3 inf. 1 July 16 hon. dis. 3 Apr. 17 1 lt. 3 inf. 1 July 18 cap. 9 Aug. 18 accepted. 10 Aug. 18 N. G. R., 2 lt. 17 Mar. 19	N. Y. 21 Nov. 88
Skinner, Le Roy Jones, 21 Aug. 18	hdq.	pvt. co. F, 3 N. Y. vols. 1 May 98 qm. sgt. 1 June 98 out 5 Dec. 98	pvt. 29 sep. co. 28 Dec. 91 2 lt. 13 Apr. 99 1 lt. 12 July 05 cap. 5 July 07 resigned. 12 Mar. 14 r. l. 21 June 15 1 lt. 3 inf. 20 Nov. 17 accepted. 26 Nov. 17 tra. to 74 inf. 22 Nov. 17 cap. 74 inf. 21 Aug. 18 accepted. 22 Aug. 18 to 3 inf. 1 Aug. 19	N. Y. 25 Aug. 71
Smith Alfred H., 31 Dec. 18 reserve list. . . . 21 Aug. 19	T		pvt. co. C, 3 inf., N. G. 11 Nov. 10 dis. 5 Feb. 12 re-enlisted. 4 Apr. 12 dis. 6 June 13 pvt. 4 amb. co. 18 Feb. 16 dis. 21 May 17 pvt. 4 amb. co. 30 Apr. 18 sgt., 1 cl. trans. 3 inf. 11 Dec. 18 cap. 3 inf. 31 Dec. 18 accepted. 4 Jan. 19	N. Y. 8 Nov. 90
Ditmars, James Peter, 13 Mar. 19	B		pvt. co. B, 3 inf. 6 May 13 corp. 27 Mar. 14 full and hon. dis. . . . 6 May 16 re-enlisted, depot unit co. B. 24 June 16 sgt. 16 Aug. 16 sup. sgt. 9 Nov. 17 1 lt. 3 inf. 30 July 18 cap. 13 Mar. 19 cap. 3 inf., N. G. N. Y. 30 June 19 accepted. 23 July 19	N. Y. 9 Nov. 89

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Daley, George W., 17 mar. 19	sup. co.	mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 12 Apr. 17 1 lt. inf. 15 Aug. 17 cap. 17 mar. 19 hon. dis. 24 June 19	pvt. co. M, 3 inf. 13 sep. 04 corp. 17 May 09 sgt. 3 Dec. 10 qm. sgt. 28 Jan. 12 full and hon. dis. 29 Dec. 13 re-enlisted. 31 May 14 bat. sgt. maj. 18 Dec. 14 hon. dis. 15 June 16 re-enlisted and warrant con. dft. 5 Aug. 17 r. l., cap. 22 Oct. 19 cap. 3 inf. 29 Oct. 19 accepted. 3 Nov. 19	N. Y. 27 mar. 86
McCabe, Edward M., 14 June 19	C	mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 17 Apr. 17 1 lt. 108 inf. 26 Dec. 17 hon. dis. 31 Mar. 19	pvt. co. B, 1 inf. 11 Apr. 05 corp. 4 May 08 dropped. 18 Nov. 08 taken up, co. C. 31 Dec. 10 corp. 8 July 11 sgt. 29 Jan. 12 full and hon. dis. 24 May 12 re-enlisted. 27 May 12 bat. sgt. maj. 16 May 13 full and hon. dis. 29 May 14 re-enlisted. 8 June 14 2 lt. 24 Apr. 17 accepted. 25 Apr. 17 dft. 5 Aug. 17 cap. 3 inf. 14 June 19 accepted. 16 June 19 N. G. R., 1 lt. 31 July 19	N. Y. 10 mar. 82
Van Buren, Lewellyn C., 23 June 19 reserve list. 29 Sep. 19	L	batty. K, 7 c. a. c., 1 June 98 80 co., c. a. c., 1 Aug. 00 dis. from 114 co., c. a. c., 25 Feb. 1902, as 1 sgt.	1 lt. 3 inf. 2 Jan. 18 cap. 23 June 19 accepted. 26 June 19	N. Y. 25 Dec. 76
Green, Bion Le Roy, 5 Aug. 19 reserve list. 13 Nov. 19	L	pvt. co. M, 71 N. Y. vols. 10 May 98 to 15 Nov. 98 pvt. co. B, 26 U. S. V., July, 1899; corp. and sgt.; hon. dis., May, 1901.	pvt. 39 sep. co. 15 Mar. 98 trs. 71 inf. — — — trs. 39 sep. co. — — — hon. dis. 15 Aug. 98 2 lt. 1 inf. 7 Aug. 17 accepted. 7 Aug. 17 trs. to 3 inf. 28 Nov. 17 1 lt. 3 inf. 27 Dec. 18 cap. 5 Aug. 19 accepted. 9 Aug. 19	N. Y. 5 Mar. 77
Betz, August C., 24 Sep. 19	m. g. co.		1 lt. 14 Feb. 18 pvt. co. A, 3 inf., N. Y. N. G. 8 Aug. 19 hon. dis. 18 Aug. 19 1 lt. 3 inf., N. Y. N. G. 19 Aug. 19 cap. 24 Sep. 19 accepted. 27 Sep. 19	N. Y. 19 Sep. 83
Barnes, Ezra Andrew, 15 Dec. 19	D	mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 16 Apr. 17	2 lt. 3 inf. 2 Dec. 15 accepted. 4 Dec. 15 dft. 5 Aug. 17 r. l. 1 lt. 14 May 19 1 lt. 3 inf. N. Y. N. G. 30 June 19 cap. 15 Dec. 19 accepted. 17 Dec. 19	N. Y. 11 May 79

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Concluded</i>				
Munson, Arthur E., 15 dec. 19	F	.....	pvt. co. F, 74 inf. 29 nov. 17 corp. 18 dec. 17 2 lt. 74 inf. 6 aug. 18 1 lt. 2 oct. 18 accepted. 7 oct. 18 to 3 inf. 1 aug. 19 1 lt. 3 inf. N. Y. N. G. 25 nov. 19 cap. 15 dec. 19 accepted. 16 dec. 19	N. Y. 19 oct. 90
<i>First Lieutenants</i>				
Hennessey, William P., 3 aug. 16 f. and h. dis. ... 29 apr. 19	D	corp. co D, 3 N. Y. vols. 1 may 98 to 1 dec. 98	pvt. 8 sep. co. 21 may 97 hon. dis. 21 jan. 99 re-enlisted. 14 aug. 99 corp. 28 sep. 99 sgt. 22 dec. 99 2 lt. 26 may 00 1 lt. 17 mar. 03 full and hon. dis. 11 june 03 r. l. 3 aug. 16 depot batt. 3 aug. 16 1 lt. 3 inf. 30 jan. 18 accepted. 1 feb. 18 2 prov. regt. 6 aug. 17	.....
Cook, James H., 14 june 17 reserve list. 4 sep. 19	M	pvt. co A, 21 inf. u. s. a. 15 aug. 93 to 14 nov. 96	pvt. co. M, 3 inf. 20 nov. 07 corp. 13 july 09 sgt. 25 nov. 10 full and hon. dis. 29 nov. 12 2 lt. depot bat. 3 inf. 3 aug. 16 1 lt. 14 june 17 1 lt. 3 inf. 30 jan. 18 accepted. 6 feb. 18	N. Y. 27 mar. 74
Poole, Sidman P., 15 aug. 17	D	1 lt. f. a. 15 aug. 17 14 r. r. and c. co. hon. dis. 1 aug. 19	pvt. batt. A, 1 f. a. 22 july 12 hon. dis. 27 oct. 13 r. l. 1 lt. 17 nov. 19 1 lt. 3 inf. N. Y. N. G. 15 dec. 19 accepted. 18 dec. 19	N. Y. 19 oct. 93
Genereux, Fred, 15 sep. 17 reserve list. 31 dec. 19	I	.....	pvt. co. D, 1 inf. 22 jan. 99 corp. 13 nov. 02 sgt. 2 apr. 03 2 lt. 15 july 04 resigned. 29 may 07 1 lt. 1 inf. 15 sep. 17 accepted. 21 sep. 17 tra. to 5 bat. 22 nov. 17 tra. to 3 inf. 1 aug. 19	N. Y. 18 may 75
Smith, Harvey Norton, 6 oct. 17 reserve list. 20 june 19	C	.....	1 lt. 3 inf. 6 oct. 17 accepted. 15 oct. 17	N. Y. 22 sep. 75
Hasen, John L., 25 oct. 17 reserve list. 29 sep. 19	I	.....	1 lt. 3 inf. 25 oct. 17 accepted. 30 oct. 17	N. Y. 18 dec. 76
Lockwood, Lewis Granger, 25 oct. 17 reserve list. 29 aug. 19	F	.....	1 lt. 3 inf. 25 oct. 17 accepted. 2 nov. 17	N. Y. 6 sep. 88
Martin, Harwood, 25 oct. 17 reserve list. 10 feb. 19	L	.....	1 lt. 3 inf. 25 oct. 17 accepted. 2 nov. 17	.....
James, Frederick, 31 oct. 17	sup. co.	.....	1 lt. 3 inf. 31 oct. 17 accepted. 2 nov. 17	N. Y. 9 jan. 68

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Fuller, Leland L., 8 jan. 18	H		pvt. 27 dec. 17 1 lt. 3 inf., N. Y. G. 8 jan. 18 accepted. 10 jan. 18 pvt. co. A, 3 inf. 19 sep. 19 hon. dis. 9 oct. 19 1 lt. 3 inf., N. Y. N. G. 8 oct. 19 accepted. 10 oct. 19	N. Y. 18 6 90
Lampert, Henry, 8 jan. 18	bat. adj.		1 lt. 3 inf. 8 jan. 18 accepted. 11 jan. 18	18 apr. 62
Corry, Frank B., 18 jan. 18	m. g. co.	troop C, u. s. c., 11 sep. 08 to 29 feb. 12 tr. A, 11 u. s. c., 19 dec. 14 to 1 jan. 16	co. A, 3 inf. 22 aug. 06 hon. dis. 8 sep. 08 co. H, 3 inf. 27 may 13 hon. dis. 12 nov. 14 1 lt. 3 inf., N. Y. G. 18 jan. 18 1 lt. 3 inf., N. Y. N. G. 4 dec. 19 accepted. 4 dec. 19	.....
Pritchard, Norman S., 23 jan. 18	A	mustered into u. s. ser. 5 July 16 out 5 oct. 16	pvt. 8 co. 8 June 00 corp. 21 feb. 07 sgt. 6 dec. 09 full and hon. dis. 14 sep. 14 re-enlisted. 8 oct. 14 full and hon. dis. 17 nov. 15 re-enlisted. 17 nov. 15 bat. sgt. maj. 23 June 16 hon. dis. 16 apr. 17 1 lt. 3 inf. 23 Jan. 18 1 lt. 3 inf., N. Y. N. G. 28 June 19	Eng. 2 mar. 82
Griffith, Chester P., 2 feb. 18 reserve list. 27 Jan. 19	bat. adj.		1 lt. 3 inf. 15 feb. 18 accepted. 16 feb. 18	N. Y. 18 19 70
Phillips, James J., 4 feb. 18 reserve list. 21 July 19	G		1 lt. 3 inf. 14 feb. 18 accepted. 15 feb. 18	N. Y. 18 26 77
Woodward, Barton E., 30 July 18	F	mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 17 apr. 17 1 lt. inf. 30 July 18 44 inf.; hon. dis. 14 July 19	pvt. co. F, 3 inf. 18 July 10 corp. 15 July 11 sgt. 6 Jan. 16 full and hon. dis. 3 Apr. 16 re-enlisted. 3 Apr. 16 2 lt. 24 Apr. 17 accepted. 26 Apr. 17 dft. 5 Aug. 17 r. l. 27 Aug. 19 2 lt. 3 inf., N. Y. N. G. 25 Nov. 19 1 lt. 16 c. 19 accepted. 18 Dec. 19	.....
Rolfe, James A., 28 Aug. 18 reserve list. 7 Aug. 19	K		pvt. co. K, 3 inf. 14 Nov. 17 1 lt. 28 Aug. 18 accepted. 30 Aug. 18	N. Y. 18 19 69
Trowbridge, Oliver B., 30 Aug. 18 reserve list. 29 Aug. 19	R		pvt. co. R, 3 inf. 31 May 19 1 lt. 30 Aug. 18 accepted. 6 Sep. 18	N. Y. 18 31 89
Jones, Henry Neely, 15 Oct. 18 reserve list. 15 Sep. 19	asst. i. s. a. p.		1 lt. 3 inf. 15 Oct. 18 accepted. 24 Oct. 18	Me. 25 Oct. 81
Winne, Walter B., 2 Nov. 18	bat. adj.	mustered into u. s. ser. 18 Apr. 17 o. t. s. 13 Jan. 18 2 lt. 108 inf., 4 May 18 1 lt. 2 Nov. 18 hon. dis. 23 Sep. 19	pvt. co. M, 3 inf. 18 Apr. 17 to sup. co. 13 Oct. 17 1 lt. 3 inf. 23 Nov. 19 accepted. 29 Nov. 19	N. Y. 17 15 Oct. 96

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Con- tinued</i>				
Hickey, Daniel C., 27 dec. 18	bat. adj.	.....	pvt. tr. D, cav. 26 apr. 04 corp. 27 nov. 04 p. comy. sgt. 10 aug. 09 full and hon. dis. 9 feb. 11 re-enlisted and warrant con. reg. comy. sgt. 16 may 12 full and hon. dis. 18 july 12 1 lt. 3 inf. 27 dec. 18 accepted 1 jan. 19	N. Y. 14 nov. 78
Bowdish, Clifford E., 9 jan. 19 reserve list.... 29 aug. 19	N	sgt., u. s. a., aug. 1918- dec., 1918.	pvt. sup. co. 3 inf. 21 nov. 17 hon. dis. 28 mar. 18 1 lt. 3 inf. 2 jan. 18 accepted 7 jan. 18 2 prov. regt. 17 may 18 hon. dis. 30 aug. 18 1 lt. 3 inf. 9 jan. 19 accepted 25 jan. 19	N. Y. 7 jan. 92
Baker, Ernest L., 21 mar. 19	E	.....	pvt. co. B, 3 inf. 1 july 16 N. Y. G. 25 nov. 17 corp. 3 oct. 17 sgt. 22 jan. 18 hon. dis. 24 aug. 18 2 lt. 3 inf. 16 aug. 18 1 lt. 21 mar. 19 1 lt. 3 inf., N. Y. N. G. 30 june 19 accepted 8 aug. 19	Me. 13 may 80
Tolhurst, Fay M., 22 mar. 19	K	.....	pvt. co. K, 1 inf. 14 dec. 08 dropped. 7 nov. 11 taken up. 30 july 13 dropped. 15 oct. 13 pvt. co. A, 5 bat. 18 aug. 17 sgt. 20 oct. 17 1 lt. 5 bat. 22 mar. 19 accepted 26 mar. 19 to 3 inf. 1 aug. 19 1 lt. 3 inf., N. Y. N. G. 22 dec. 19 accepted 22 dec. 19	Iowa 3 mar. 87
Roberts, Edwin Morris, 20 may 19	M	mustered into u. s ser. 5 july 16 out 5 oct. 16 into 16 apr. 17 1 lt. 108 inf. 24 jan. 18 hon. dis. ... 21 mar. 19	pvt., corp., sgt., 1 sgt. 20 sep. co. 11 apr. 87 hon. dis. 2 feb. 94 pvt. 5 feb. 94 to 10 sep. 15 1 lt. 3 inf. 10 sep. 15 accepted 13 sep. 15 dft. 5 aug. 17 r. l. 2 may 19 1 lt. 3 inf. 15 oct. 19 accepted 20 oct. 19	N. Y. 28 apr. 68
Sembach, Frederick C., 20 june 19	C	.....	cap. 3 inf. 30 oct. 17 accepted 31 oct. 17 2 prov. regt. 13 feb. 18 relieved. 19 july 18 r. l. 14 june 19 1 lt. 3 inf. 20 june 19 1 lt. 3 inf., N. G. N. Y. 7 aug. 19 accepted 7 aug. 19	N. Y. 10 aug. 77
Koch, Elmer G., 1 oct. 19	G	.....	2 lt. 3 inf. 14 feb. 18 pvt. co. A, 3 inf. 8 aug. 19 hon. dis. 18 aug. 19 2 lt. 3 inf. N. Y. G. 19 aug. 19 1 lt. 1 oct. 19 accepted 6 oct. 19	N. Y. 193 mar. 85

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants</i>				
McCaffrey, Joseph T., 3 aug. 16 reserve list.... 4 sep. 19	D	.....	pvt. 48 sep. co. 24 sep. 99 corp. 5 jan. 03 dropped. 13 July 03 2 lt. depot bat. 3 inf. 3 aug. 16 accepted. 19 aug. 16 2 lt. inf. 30 Jan. 18 accepted. 2 feb. 18	N. Y. 14 July 79
McDerment, William C., 11 Oct. 17 reserve list.... 3 Nov. 19	I	co. D, 1 N. Y. vols., 18 May 98 to 30 Nov. 98	pvt. co. D, 1 inf. 13 sep. 95 dropped. 20 Apr. 96 2 lt. 1 inf. 11 Oct. 17 accepted. 16 Oct. 17 tra. to 5 bat. 22 Nov. 17 tra. to 3 inf. 11 Aug. 19	N. Y. 24 Aug. 70
Gordon, Thomas C., 25 Oct. 17 reserve list.... 29 Sep. 19	I	.....	2 lt. 3 inf. 25 Oct. 17 accepted. 1 Nov. 17	N. Y. 6 Feb. 84
Hally, Edward J., 25 Oct. 17 reserve list.... 29 Aug. 19	F	.....	2 lt. 3 inf. 25 Oct. 17 accepted. 3 Nov. 17	N. Y. 1 Nov. 85
Cole, Homer F., 2 Jan. 18	A	.....	co. A, 3 inf. 22 Oct. 15 corp. 12 July 16 dis. 12 July 16 2 lt. 3 inf. 2 Jan. 18 2 lt. 3 inf., N. Y. N. G. 28 June 19 accepted. 19 July 19	N. Y. 9 July 87
Morey, Clair L., 17 Jan. 18	E	.....	2 lt. 3 inf. 17 Jan. 18 accepted. 19 Jan. 18	N. Y. 20 Feb. 79
Stout, Allen D., 27 Mar. 18 reserve list.... 4 Sep. 19	M	.....	pvt. co. M, 3 inf., N. G. N. Y. 1 Oct. 01 dropped. 6 Oct. 03 taken up. 3 June 05 corp. 18 Nov. 06 sgt. 24 Jan. 10 qm. sgt. 3 Dec. 10 1 sgt. 29 Jan. 12 bat. sgt. maj. 13 Mar. 14 full and hon. dis. 18 Sep. 14 co. M, depot unit. 2 July 17 1 sgt. 11 Oct. 17 2 lt. 27 Mar. 18 accepted. 2 Apr. 18	N. Y. 13 Dec. 80
Palmer, Vincent A., 10 May 18	H	.....	pvt. co. G, 3 inf., N. Y. G. 15 Oct. 17 corp. 22 Dec. 17 trans. co. H. 7 Feb. 18 2 lt. 3 inf. 10 May 18 2 lt. 3 inf., N. Y. N. G. 19 Aug. 19 accepted. 12 Sep. 19	Ore. 17 Aug. 92
Phoenix, Harvey D., 1 July 18	bqr. co.	.....	pvt. 31 sep. co., N. G. N. Y. 25 Jan. 97 musician. 11 Feb. 97 dropped. 12 June 97 bandmaster, 3 inf. 10 Mar. 18 2 lt. 3 inf., N. Y. G. 1 July 18 accepted. 3 July 18	Eng. 23 May 75

THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Bogardus, Raymond A., 6 aug. 18 reserve list.... 19 june 19	C	.....	pvt. co. C, 3 inf., N. G. N. Y. 22 nov. 09 full and hon. dis. 22 nov. 12 re-enlisted 12 dec. 12 corp. 27 june 13 full and hon. dis. 12 jan. 15 re-enl., corp., sgt. 11 june 15 full and hon. dis. 1 mar. 16 re-enlisted 20 mar. 16 full and hon. dis. 17 apr. 17 pvt. hdq. co. 3 inf., N. Y. G. 5 jan. 18 color sgt. 2 lt. 6 aug. 18 accepted 9 aug. 18	N. Y. 16 july 90
Townsend, James R., 13 aug. 18	sup. co.	.....	pvt. 3 inf., N. Y. G. ... 9 mar. 18 2 lt. 13 aug. 18 accepted 14 aug. 18	Vt. 4 sep. 86
Carnes, Udell Dorr, 30 aug. 18 reserve list.... 29 aug. 19	R	.....	pvt. co. R, 3 inf., N. Y. G. 3 apr. 18 2 lt. 3 inf., N. Y. G. ... 30 aug. 18 accepted 9 sep. 18	N. Y. 20 july 89
Egloff, William J., 1 oct. 18	C	mustered into u. s. a ser. 5 july 16 out 5 oct. 16 into 17 apr. 17 1 sgt. co. C, 108 inf., — feb. 18 2 lt. 305 inf., 1 oct. 18 hon. dis. ... 10 may 19	pvt. co. C, 3 inf. 9 dec. 07 full and hon. dis. 16 oct. 11 re-enlisted 23 oct. 11 dropped 14 oct. 12 taken up 7 mar. 13 full and hon. dis. 14 apr. 14 re-enlisted 23 apr. 14 corp. 1 mar. 15 full and hon. dis. 19 may 16 re-enlisted and warrant con. sgt. 29 june 16 mess. sgt. 5 july 16 dft. 5 aug. 17 N. G. R., 1 lt. 13 june 19 2 lt. 3 inf. 20 june 19 2 lt. 3 inf., N. Y. N. G. ... 28 june 19 accepted 21 july 19 full and hon. dis. from N. G. R. 21 july 19	N. Y. 30 jan. 86
Wetenhall, Benjamin R., 1 oct. 18	G	mustered into u. s. a ser. 9 apr. 17 2 lt. inf. 1 oct. 18 hon. dis. ... 3 apr. 19	pvt. m. g. co. 3 inf. 9 apr. 17 corp. 2 may 17 sgt. 22 may 17 dft. 5 aug. 17 2 lt. 3 inf., N. Y. N. G. ... 18 oct. 19 accepted 21 oct. 19	Pa. 25 nov. 91
Kints, Arthur E., 30 nov. 18	m. g. co.	mustered into u. s. a ser. 5 july 16 out 5 oct. 16 corp. 30 co. 152 d. b., 27 june 18 2 lt. inf. 30 nov. 18 hon. dis. ... 19 sep. 19	pvt. 2 amb. co. 9 apr. 11 full and hon. dis. 13 apr. 15 pvt. co. H, 3 inf. 26 nov. 15 sgt. 26 july 16 sup. sgt. 12 jan. 17 mess sgt. 12 jan. 17 hon. dis. 16 apr. 17 pvt. co. H, 3 inf. 4 feb. 18 sup. sgt. 15 may 18 hon. dis. 24 june 18 2 lt. 3 inf. 11 oct. 19 2 lt. 3 inf., N. Y. N. G. ... 4 dec. 19 accepted 4 dec. 19	N. Y. 14 jan. 88

THIRD INFANTRY—NEW YORK GUARD—(Concluded)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Concl'd</i>				
Burnham, Horatio B., 9 jan. 19 reserve list.... 29 aug. 19	N	.....	pvt., sup. co., 3 inf.... 21 nov. 17 dis..... 26 mar. 18 2 lt. 3 inf..... 30 jan. 18 accepted..... 2 feb. 18 hon. dis..... 1 nov. 18 2 lt. 3 inf..... 9 jan. 19 accepted..... 17 jan. 19	N. Y. 11 oct. 96
Chester, Benjamin P., 7 feb. 19	L	u. s. navy... 12 may 99 to 7 may 07 sgt., 1 cl., 17 co., 5 rec. bat..... 24 July 18 to 24 nov. 18	2 lt. 3 inf..... 7 feb. 19 accepted..... 13 feb. 19	N. Y. 27 apr. 87
Spicer, Claude H., 23 may 19	M	mustered into u. s. ser..... 5 July 16 out 5 oct. 16 into 16 apr. 17 2 lt. 108 inf.. 19 apr. 18 hon. dis.... 31 mar. 19	pvt. co. M, 3 inf..... 25 feb. 16 dft..... 5 aug. 17 r. l..... 21 may 19 2 lt. 3 inf., N. Y. N. G. 15 oct. 19 accepted..... 18 oct. 19	N. Y. 19 dec. 94
Brisbin, William J., 29 aug. 19	B	co. C, 4 inf. 13 oct. 12 corp..... 24 oct. 14 hon. dis.... 12 oct. 15	1 lt. 3 inf., N. Y. G.... 3 jan. 18 accepted..... 5 jan. 18 2 lt. 3 inf., N. Y. N. G. 29 aug. 19 accepted..... 13 sep. 19	N. Y. 14 nov. 91
Olsen, Clarence M., 2 oct. 19	m. g. co.	mustered into u. s. ser..... 6 apr. 17 corp..... 17 aug. 17 sgt..... 18 sep. 18 108 inf., o. t. s., 17 oct. 18 hon. dis.... 31 mar. 19	pvt. m. g. co., 3 inf.... 17 mar. 17 dft..... 5 aug. 17 2 lt. 3 inf..... 2 oct. 19 2 lt. 3 inf., N. Y. N. G. 4 dec. 19 accepted..... 4 dec. 19	N. Y. 3 may 98
Doige, William L., 22 dec. 19	K	.....	pvt. co. E, 5 bat..... 17 nov. 17 hon. dis..... 19 nov. 19 2 lt. 3 inf., N. Y. N. G. 22 dec. 19 accepted..... 19 may 20	Me. 9 mar. 87

FOURTH INFANTRY, N. Y. G.

(Fourth Brigade)

Headquarters, 227-235 Washington Street, Binghamton

Organized November 22, 1917, by S. O. 58, A. G. O., to include all infantry units mustered into the New York Guard from the counties of Broome, Chenango, Tioga, Tompkins, Chemung, Schuyler, Yates, Steuben and Allegany. By same order Company H, 1st Infantry, and Companies K and L, 3d Infantry, were attached to this regiment.

COMPANY A

Angelica

Organized as a Home Defense Unit. Mustered into the New York Guard October 18, 1917.

COMPANY B

Headquarters, Wellsville — Platoon at Friendship

Organized as Home Defense Units. Mustered into New York Guard — Wellsville Platoon October 19, 1917; Friendship Platoon, October 17, 1917.

COMPANY C

Headquarters, Corning

Organized as Home Defense Units. Mustered into New York Guard — Corning Platoon November 13, 1917; Penn Yan Platoon November 10, 1917.

COMPANY D

Headquarters, Ithaca — Platoon at Trumansburg

Organized as Home Defense Unit. Mustered into New York Guard — Ithaca Platoon October 30, 1917; Trumansburg Platoon November 15, 1917.

COMPANY E

Headquarters, Deposit

Organized as Home Defense Unit. Mustered into New York Guard November 21, 1917.

COMPANY F

Headquarters, Owego

Organized as Home Defense Unit. Mustered into New York Guard November 1, 1917.

COMPANY G

Headquarters, 227-235 Washington Street, Binghamton — Platoon at Greene

Organized as Home Defense Units. Mustered into New York Guard, Binghamton, December 2, 1917; Greene, June 19, 1918.

COMPANY H

Headquarters, Binghamton

Organized as a Depot Unit, of Company H, 1st Infantry. Mustered into the New York Guard February 2, 1918.

COMPANY I

Headquarters, Montour Falls — Platoon at Watkins

Organized as Home Defense Units. Montour Falls Platoon mustered into New York Guard November 13, 1917. Watkins Platoon not mustered into New York Guard.

COMPANY K

Headquarters, 100 Seneca Street, Hornell — Platoon at Bath

Organized as a Depot Unit Company K, 3d Infantry, N. G. N. Y. Mustered into State service August 28, 1917. Transferred to this regiment, G. O. 58, A. G. O., November 22, 1917. Mustered into New York Guard November 20, 1917. Bath Platoon October 20, 1917.

COMPANY L

Headquarters, 307-310 East Church Street, Elmira

Organized as a Depot Unit Company L, 3d Infantry, N. G. N. Y. Mustered into State service July 12, 1917. Transferred to this regiment November 22, 1917, G. O. 58, A. G. O. Mustered into New York Guard November 27, 1917.

COMPANY M

Headquarters, Groton

Organized as a Home Defense Unit. Mustered into New York Guard November 15, 1917.

FOURTH INFANTRY—NEW YORK GUARD—(Continued)

COMPANY O

Headquarters, Penn Yan

Penn Yan Platoon Company C, designated Company O, July 16, 1918.

Headquarters, Binghamton

Headquarters Company. Mustered in January 23, 1918; Machine Gun Company, February 16, 1918; assigned from 3rd Field Artillery, Battery C, March 9, 1918; Supply Company, March 4, 1918.

Sanitary Detachment, Elmira, N. Y.

Mustered into New York Guard March 27, 1918.

Mustered out: Green Platoon, March 15, 1919; Company O, March 19, 1919; Platoon Company D, March 18, 1919; Company M, March 25, 1919; Company B, October 18, 1919.

FOURTH INFANTRY, NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Powell, Edward Evan, 22 nov. 17			pvt. 20 sep. co. 6 june 99 1 lt., bat. qm. 1 inf. 6 june 02 cap., rgtl. qm. 1 may 05 resigned. 29 nov. 12 r. l. 15 july 16 cap. d. b., 1 inf. 24 july 16 lt. col. 15 sep. 17 col. 22 nov. 17 accepted. 24 nov. 17	Wales. 10 sep. 70
<i>Lieutenant Colonel</i>				
Moody, Edwin H., 15 dec. 17			pvt., corp., mtd. de- tach., comy. agt., 1 inf. 28 june 13 to 30 sep. 14 2 lt. 30 sep. 14 cap. 5 feb. 15 resigned. 10 apr. 17 cap. 1 inf. 15 sep. 17 tra. to 4 inf. 5 dec. 17 maj. 4 inf. 4 dec. 17 lt. col. 15 dec. 17 accepted. 18 dec. 17	N. Y. 3 may 79
<i>Majors</i>				
Brown, Thurber Arnold, 11 dec. 17 reserve list. . . . 16 june 19	1 lt. 3	N. Y. inf., 1 may 98 to 10 dec. 98 mustered into u. s. ser. 5 july 16 out 5 oct. 16	pvt., corp., agt., 30 sep. co. 28 apr. 85 to 25 nov. 90 2 lt. 25 nov. 90 1 lt. 27 may 97 i. s. a. p. 3 bat. with o. r. 14 june 04 assigned to 3 inf. 30 mar. 07 1 lt. asst. i. s. a. p., 3 inf., with o. r. 24 june 07 supn., reassigned. 21 jan. 08 1 lt. o. d. 21 feb. 08 cap. o. d. 11 mar. 12 cap. 3 inf. 1 may 12 cap. i. s. a. p. 11 mar. 12 relieved as i. s. a. p. and assigned to command co. K. 15 aug. 16 N. G. R. 4 jan. 17 maj. 4 inf. 11 dec. 17 accepted. 17 dec. 17	N. Y. 6 apr. 61

FOURTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors—Continued</i>				
Wilbur, Julian Roy, 17 dec. 17	.....	co. H, 1 N. Y. inf. 1 may 98 to 26 feb. 99	pvt., corp., agt., 1 agt., 20 sep. co. 23 jan. 98 hon. dis. 23 may 06 pvt. 23 may 06 to 30 dec. 08 2 lt. 1 inf. 30 dec. 08 1 lt. 26 feb. 10 resigned. 19 jan. 17 1 lt., r. l. 25 July 17 cap. 1 inf. 7 aug. 17 maj. 4 inf. 17 dec. 17 accepted. 26 dec. 17	N. Y. 11 apr. 74
Conover, Arlie B., 26 dec. 17	.....	.....	pvt. co. K, 2 bat. 20 June 03 m. dept., tra. to 3 inf. 1 aug. 10 corp. 8 aug. 13 full and hon. dis. 3 apr. 14 re-enlisted co. K, d. b. 3 inf. 10 July 16 cap. d. b., 3 inf. 18 July 17 maj. 4 bat. 26 dec. 17 accepted. 2 Jan. 18	N. Y. 8 oct. 83
Whitley, Walter K., 21 June 19	.....	mustered into u. s. ser. 5 July 16 out 5 Oct. 16	pvt. 30 sep. co. 7 dec. 99 corp. 14 mar. 03 agt. 20 sep. 04 1 agt. 2 June 06 1 lt. 3 inf. 8 July 09 accepted. 10 July 09 full and hon. dis. 24 Nov. 16 r. l. 31 Aug. 17 maj. 4 inf. 21 June 19 accepted. 24 June 19	.....
<i>Captains</i>				
Seharf, Fred E., 3 Aug. 16 f. and h. dis. 15 May 19	L	.....	co. L, 34 sep. co., N. Y. N. G. 8 Oct. 07 full and hon. dis. 1 July 13 cap. depot bat. 3 inf. 3 Aug. 16 cap. 4 inf., N. Y. G. 30 Jan. 18 accepted. 1 Feb. 18	N. Y. 18 Jan. 85
Riffe, James, 17 Apr. 17	L	mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 17 Apr. 17 cap. 103 inf., hon. dis. 3 Mar. 19	pvt., corp., agt., co. L, 3 inf. 23 Dec. 02 to 2 Aug. 09 2 lt. 3 inf. 2 Aug. 09 1 lt. 23 Jan. 17 cap. 17 Apr. 17 accepted. 19 Apr. 17 dft. 5 Aug. 17 r. l. 30 Apr. 19 cap. 4 inf. 2 Dec. 19 accepted. 4 Dec. 19	N. Y. 22 Feb. 75
Johnson, John W., 8 Aug. 17 hon. dis. 1 Nov. 19	m. g. co.	.....	cap. 1 f. a. 8 Aug. 17 trans. 3 f. a., N. Y. G. 6 Oct. 17 cap. 4 inf. 9 Mar. 18 accepted. 4 Apr. 18 1 prov. regt. 7 Aug. 17 relieved. 11 Jan. 19	N. Y. 9 Feb. 76
Pratt, Roy Goff, 11 Dec. 17 hon. dis. 15 Nov. 19	sup. off.	.....	cap. 4 inf. 11 Dec. 17 accepted. 13 Dec. 17	N. Y. 25 Feb. 83

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Heft, William F., 11 dec. 17	E	pvt. co. I, 11 rgt. inf. N. G. Pa., 30 apr. 95 corp. 6 apr. 99 1 sgt. 22 nov. 00 dis. 30 July 01	cap. 4 inf. 11 dec. 17 accepted. 14 dec. 17	Pa. 5 dec. 79
Ritchie, Chrisenberry A., 11 dec. 17	chap.	.....	cap. 4 inf. 11 dec. 17 accepted. 13 dec. 17	S. C. 10 sep. 79
Hinman, Charles Henry, 18 jan. 18 reserve list. 22 nov. 19	H	.....	pvt. co. B, 74 inf. 21 may 07 dropped. 26 sep. 07 taken up, co. H, 1 inf. 7 apr. 09 corp. 1 feb. 12 2 lt. 1 inf. 20 may 12 full and hon. dis. 17 jan. 14 r. l. 5 July 16 duty with d. b. 5 July 16 1 lt. 1 inf. 7 aug. 17 tra. to 4 inf. 22 nov. 17 cap. 4 inf. 18 jan. 18 accepted. 21 jan. 18 1 prov. regt. 7 aug. 17 relieved. 31 jan. 19	N. Y. 14 jan. 84
Orcutt, William, 18 jan. 18 reserve list. 15 aug. 19	K	.....	co. K, 2 bat. 4 brig. 6 feb. 01 corp. 29 may 03 full and hon. dis. 8 apr. 09 pvt. co. K, d. b. 3 inf. 10 July 16 1 lt. 18 July 17 cap. 4 inf., N. Y. G. 18 jan. 18 accepted. 22 jan. 18	N. Y. 10 July 82
Schlick, Frank L., 30 jan. 18	I	mustered into u. s. ser. 17 may 98 trans to 6 co., 2 sep. 98 corp. 1 feb. 99 mustered out, 31 mar. 99	co. L, 3 inf. 30 apr. 98 cap. co. I, 4 inf. 30 jan. 18 accepted. 1 feb. 18	Va. 27 aug. 77
Nagel, Theodore, 30 jan. 18	D	ins. Phila. constab., 1 yr.; 24 yrs. u. s. army.	cap. 4 inf. 20 jan. 18 accepted. 2 feb. 18	Ger. 25 dec. 68
Marlette, Frank C., 30 jan. 18 reserve list. 7 mar. 19	M	Philippine Islands, 31 mar.—19 apr., 12 and 22 feb. to 5 mar. 14. China exp. 20 apr. 12 to 27 jan. 14	cap. 4 inf. 30 jan. 18 accepted. 4 feb. 18	Minn. 30 June 80
Ashley, Douglas V., 15 feb. 18	i. s. a. p.	1 lt. inf., o. r. c., u. s. a. 6 nov. 16 to 2 apr. 17 cap. from. 2 apr. 17	cap. 4 inf. 15 feb. 18 accepted. 18 feb. 18	N. Y. 23 may 81
Lathrop, Clarence L., 20 feb. 18	A	.....	cap. co. A, 4 inf. 20 feb. 18 accepted. 23 feb. 18	N. Y. 23 Jan. 72
Duke, Charles M., 20 feb. 18 reserve list. 11 nov. 19	B	.....	cap. co. B, 4 inf. 20 feb. 18 accepted. 25 feb. 18	N. Y. 1 June 91
Winter, Sidney, 20 may 18	F	English territorials, 1892-1895	1 lt. 4 inf. 11 dec. 17 cap. 20 may 18 accepted. 23 may 18	Eng. 14 Nov. 76

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Windsor, Alfred Carrington, 29 July 18	C	.....	1 lt. 4 inf. 17 dec. 17 cap. 29 July 18 accepted. 1 aug. 18	Pa. 8 nov. 85
De Melt, W. Eugene, 29 July 18 reserve list.... 7 mar. 19	O	.....	1 lt. 4 inf. 20 feb. 18 cap. 29 July 18 accepted. 2 aug. 18	N. Y. 2 June 72
Cole, William C., 26 sep. 18 hon. dis. 14 mar. 19	adj.	pvt. and sgt. 1 co. sig. corps. Ohio N. G., 1906-1908.	1 lt. 4 inf. 14 June 18 cap. 26 sep. 18 accepted. 28 sep. 18	Ohio 7 oct. 80
Herrick, Franklyn J., 26 dec. 18	m. g. co.	.....	pvt. co. B, 4 inf. 19 oct. 17 2 lt. 20 feb. 18 1 lt. 30 oct. 18 cap. 26 dec. 18 accepted. 26 dec. 18	N. Y. 31 jan. 93
Cook, William F., 1 oct. 19	K	.....	1 lt. 4 inf. 20 feb. 18 cap. 1 oct. 19 accepted. 6 oct. 19	Pa. 16 July 81
Quick, Julian B., 22 nov. 19	sup. co.	.....	pvt. sup. co. 4 inf. 13 feb. 18 1 sgt. 2 lt. 26 dec. 18 cap. 22 nov. 19 accepted. 25 nov. 19	N. Y. 1 sep. 91
Suttle, Andrew B., 15 dec. 19	G	.....	pvt. co. H, 1 inf. 6 oct. 04 corp. 7 dec. 09 full and hon. dis. 7 apr. 10 re-enlisted. 12 apr. 10 sgt. 19 apr. 11 full and hon. dis. 25 June 15 re-enlisted. 10 June 15 pvt. 4 inf. 8 aug. 17 1 sgt. 8 aug. 17 1 lt. 18 Jan. 18 cap. 15 dec. 19 accepted. 17 dec. 19 1 prov. regt. 1 mar. 18 relieved. 8 Jan. 19	N. Y. 22 Jan. 83
<i>First Lieutenants</i>				
Garcia, William A., 3 aug. 16 f. and h. dis. 28 June 19	bat. adj.	.....	co. L, 3 inf. 27 nov. 00 corp. 17 sep. 04 sgt. 17 sep. 06 1 sgt. 13 Jan. 10 full and hon. dis. 11 mar. 12 1 lt. 3 inf. 3 aug. 17 1 lt. 4 inf. 30 Jan. 18 accepted. 5 feb. 18	Pa. 4 Jan. 81
Darling, Harry A., 28 June 17	H	mustered into u. s. a. ser. 17 July 17 1 lt. 107 inf. hon. dis. ... 2 apr. 19	pvt., co. H, 1 inf. 13 oct. 04 corp. 2 feb. 07 full and hon. dis. 18 nov. 09 sgt. 7 Jan. 11 full and hon. dis. 17 feb. 11 re-enlisted. 28 feb. 11 1 sgt. 6 aug. 12 full and hon. dis. 15 apr. 15 re-enlisted. 15 apr. 15 1 lt., 1 inf. 28 June 17 accepted. 2 July 17	N. Y. 5 feb. 85

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Bechtol, Clarence Miles, 7 aug. 17 f. and h. dis. . . . 2 july 19	G		pvt. co. H, 1 inf. 4 apr. 12 sgt. maj. 1 inf. 27 feb. 13 full and hon. dis. 9 apr. 15 1 lt. inf. 7 aug. 17 accepted 7 aug. 17 1 prov. regt. 8 sep. 17 relieved 8 jan. 19	
Eaton, Otis D., 8 aug. 17 hon. dis. 1 nov. 19	m. g. co.	Pa. N. G. serv. co. K, 13 inf. 3 yrs., 16 mar. 11 to 16 mar. 14	1 lt. 1 f. a., N. Y. G. . . . 8 aug. 17 accepted 10 sep. 17 to 3 f. a. 6 oct. 17 1 lt. 4 inf. 9 mar. 18 accepted 26 mar. 18 1 prov. regt. . . . 7 aug. 17 relieved 11 jan. 19	Pa. 8 jan. 93
York, Charles J., 18 jan. 18 hon. dis. 29 apr. 19	K		co. K, 3 inf. 29 june 16 2 lt. 18 july 17 1 lt. 4 inf. 18 jan. 18 accepted 22 jan. 18	N. Y. 10 apr 86
Moe, Earl T., 30 jan. 18 reserve list. . . . 7 mar. 19	M		1 lt. 4 inf. 30 jan. 18 accepted 1 feb. 18	N. Y. 14 aug. 75
Mosier, John C., 30 jan. 18	L	mustered into u. s. ser. . . . 5 july 16 out 5 oct. 16	pvt. co. L, 3 inf. . . . 10 mar. 09 corp. 22 apr. 12 sgt. 22 dec. 14 full and hon. dis. . . 15 mar. 15 re-enlisted 15 mar. 15 full and hon. dis. . . 3 apr. 16 re-enlisted 3 apr. 16 dis. 17 apr. 17 2 lt. depot bat. 3 inf. 14 june 17 1 lt. 4 inf. 30 jan. 18 accepted 2 feb. 18	Pa. 29 oct. 90
Forbes, Albert F., 30 jan. 18			1 lt. co. I, 4 inf. . . . 30 jan. 18 accepted 5 feb. 18	N. Y. 1 jan. 88
Klinger, Walter B., 20 feb. 18 reserve list. . . . 7 mar. 19	B		1 lt. 4 inf. 20 feb. 18 accepted 23 feb. 18	Pa. 7 mar. 77
O'Connor, Francis B., 20 feb. 18 reserve list. . . . 11 nov. 19	B		1 lt. 4 inf. 20 feb. 18 accepted 23 feb. 18	N. Y. 10 july 83
Bergen, Veeder, 20 feb. 18 reserve list. . . . 7 mar. 19	D		1 lt. 4 inf. 20 feb. 18 accepted 28 feb. 18	N. Y. 16 may 94
Harris, John C., 28 mar. 18	asst. i. s. a. p.		1 lt. 4 inf. 28 mar. 18 accepted 3 apr. 18	Pa. 8 july 74
Davis, Frederick J., 20 june 18 hon. dis. 10 june 19	F		2 lt. 4 inf. 11 dec. 17 1 lt. 20 june 18 accepted 25 june 18	N. Y. 12 aug. 71
Page, Joseph R., 1 july 18 reserve list. . . . 7 mar. 19	G		pvt. co. G, 4 inf. . . . 11 june 18 1 lt. 1 july 18 accepted 3 july 18	N. Y. 7 mar. 97
Gregorius, Thomas K., 6 aug. 18			1 lt. 4 inf. 6 aug. 18 accepted 7 aug. 18	N. Y. 3 july 93
Warner, Oliver L., 28 aug. 18 reserve list. . . . 7 mar. 19			1 lt. 4 inf. 28 aug. 18 accepted 31 aug. 18	N. Y. 26 may 90

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Newing, Stuart L., 15 oct. 18	G	.....	pvt. co. H, 1 inf..... 8 aug. 17 reas. co. H, 4 inf..... 8 aug. 17 hon. dis. as bat. sgt. maj..... 14 oct. 18 1 lt..... 15 oct. 18 accepted..... 23 oct. 18	N. Y. 4 dec. 97
Baldwin, Harry C., 15 oct. 18 reserve list.... 27 oct. 19	D	.....	2 lt. co. D, 4 inf..... 30 jan. 18 1 lt..... 15 oct. 18	Ohio 27 apr. 84
Karr, Howard M., 1 nov. 18	bat. adj.	mustered into u. s. ser..... 5 July 18 out 5 oct. 18 into 17 apr. 17 2 lt. 108 inf..... 5 May 18 1 lt..... 1 nov. 18 hon. dis. . . . 31 mar. 19	pvt. co. L, 3 inf..... 9 may 18 sgt..... 19 apr. 17 dft..... 5 aug. 17 1 lt. 4 inf..... 15 dec. 19 accepted..... 18 dec. 19	N. Y. 28 feb. 95
Smith, Kenneth Ogden, 27 nov. 18	E	.....	2 lt. 4 inf..... 11 dec. 17 accepted..... 6 dec. 18 1 lt..... 27 nov. 18	N. Y. 28 dec. 85
Harvey, Moses B., 7 dec. 18	A	.....	pvt. co. A, 4 inf..... 13 oct. 17 1 sgt..... 18 june 18 1 lt. 4 inf..... 7 dec. 18 accepted..... 17 dec. 18	N. Y. 27 aug. 84
Smyth, Stuart W., 21 june 19 reserve list.... 4 sep. 19	F	.....	pvt. co. F, 4 inf..... 1 nov. 17 sgt., 1 sgt..... 25 sept. 18 2 lt. 4 inf..... 26 sep. 18 1 lt..... 21 june 19 accepted..... 24 june 19	N. Y. 22 mar. 79
Titus, Rexford W., 17 july 19	m. g. co.	.....	2 lt. 4 inf..... 30 jan. 18 1 lt..... 17 july 19 accepted..... 21 july 19	Pa. 25 sep. 89
Beecher, Paul H., 31 oct. 19	F	.....	pvt. co. F, 4 inf..... 31 oct. 17 corp., sgt., 1 sgt..... 1 july 19 2 lt. 4 inf..... 2 july 19 1 lt..... 31 oct. 19 accepted..... 3 nov. 19	Pa. 15 sep. 83
Sheron, Bernie, 21 nov. 19	K	Mich. light art., 14 jan. 08 to 10 mar. 10	2 lt. 4 inf..... 29 july 18 1 lt..... 21 nov. 19 accepted..... 22 nov. 19	Mich. 9 aug. 89
Colson, Charles W., 15 dec. 19	bat. adj.	mustered into u. s. ser..... 5 july 18 out 5 oct. 18 into 13 apr. 17 1 sgt. 108 inf., 1 feb. 18 hon. dis. . . 31 mar. 19	pvt. co. K, 3 inf..... 24 sep. 10 full and hon. dis..... 24 sep. 14 re-enlisted..... 1 oct. 14 corp..... 26 feb. 15 sgt..... 26 apr. 16 dft..... 5 aug. 17 1 lt. 4 inf..... 15 dec. 19 accepted..... 20 dec. 19	N. Y. 13 sep. 92
<i>Second Lieutenants.</i>				
Phelps, William G., Jr., 30 jan. 18 reserve list.... 28 may 19	H	.....	2 lt. co. H, 4 inf..... 30 jan. 18 accepted..... 1 feb. 18	N. Y. 5 june. 90
Updyke, Hiram B., 30 jan. 18 reserve list.... 20 oct. 19	L	U. S. marine corps, 1899-1904.	2 lt. co. L, 4 inf..... 30 jan. 18 accepted..... 1 feb. 18	N. Y. 8 aug. 77
Brady, George F., 30 jan. 18 hon. dis..... 9 dec. 19	I	.....	2 lt. co. I, 4 inf..... 30 jan. 18 accepted..... 2 feb. 18	N. Y. 27 feb. 78

FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Sorensen, Thomas H., 28 aug. 18 reserve list.... 7 mar. 19	O	Denmark navy, 27 mar. 94 to 16 nov. 94	2 lt. 4 inf..... 28 aug. 18 accepted..... 30 aug. 18	Den- mark 9 mar. 72
Simpson, Norman T., 5 sep. 18 hon. dis..... 29 aug. 19	C	Co. A, 1 cav., N. G. U. S. 19 june 18 to 22 sep. 17 co. A, 104 m. g. b., 22 sep. 17 to 28 dec. 17	pvt. co. C, 4 inf..... 24 july 18 2 lt. 4 inf..... 5 sep. 18 accepted..... 10 sep. 18	N. J. 8 feb. 93
Weaver, Le Roy, 1 oct. 18	L	mustered into u. s. ser..... 5 july 18 out 5 oct. 18 into 13 apr. 17 1 sgt. co. L, 108 inf., 2 lt. inf. (38 and 328), 1 oct. 18 hon. dis.... 9 july 19	pvt. co. L, 3 inf..... 29 dec. 13 corp..... 21 june 16 sgt..... 17 dft..... 5 aug. 17 2 lt. 4 inf..... 15 dec. 19 accepted..... 24 dec. 19	N. Y. 29 dec. 95
Bement, Louis C., 28 oct. 18 hon. dis..... 1 oct. 19	D	.....	pvt. co. D, 4 inf..... 30 oct. 17 sgt..... 30 mar. 18 2 lt. 4 inf..... 28 oct. 18 accepted..... 5 nov. 18	N. Y. 29 oct. 65
Packer, Leo D., 30 nov. 18 reserve list.... 7 mar. 19	M	.....	pvt. co. G, 1 inf..... 9 apr. 13 hon. dis..... 16 may 16 2 lt. 4 inf..... 30 nov. 18 accepted..... 7 dec. 18	N. Y. 7 oct. 87
Gilbert, John M., 30 nov. 18 reserve list.... 11 nov. 19	B	3 N. Y. vols., 18 may 98 to 9 dec. 98	pvt. co. B, 4 inf..... 19 oct. 17 1 sgt..... 30 nov. 18 2 lt. 4 inf..... 30 nov. 18 accepted..... 10 dec. 18	N. Y. 17 feb. 74
Steinman, Albert F., 2 dec. 18	E	.....	pvt. co. E, 4 inf..... 9 nov. 17 1 sgt..... 21 oct. 18 2 lt. 4 inf..... 4 dec. 18 accepted..... 6 dec. 18	N. J. 15 oct. 86
Mapes, Ethan A., 7 dec. 18	A	.....	pvt. co. A, 4 inf..... 14 oct. 17 corp..... 7 dec. 18 2 lt. 4 inf..... 7 dec. 18 accepted..... 10 dec. 18	N. Y. 21 feb. 82
Ainslie, Morris D., 24 july 19	G	.....	pvt. co. H, 4 inf..... 23 aug. 17 corp..... 28 sep. 17 sgt..... 1 oct. 17 1 sgt..... 20 aug. 18 2 lt. 4 inf..... 24 july 19 accepted..... 1 aug. 19	N. Y. 29 dec. 89
Barnes, Oliver W., 15 aug. 19	m. g. co.	mustered into u. s. ser..... 3 july 18 out 24 oct. 18	pvt. 1 amb. co..... 11 mar. 12 full and hon. dis..... 15 dec. 15 re-enlisted..... 24 dec. 15 hon. dis..... 4 may 17 pvt. co. G, 4 inf..... 2 dec. 17 1 sgt..... 22 mar. 18 2 lt. 4 inf..... 15 aug. 19 accepted..... 25 aug. 19	Pa. 15 oct. 87
Cotton, Henry R., 30 aug. 19	m. g. co.	.....	pvt. co. G, 4 inf..... 2 dec. 17 sgt..... 22 mar. 18 to m. g. co..... 21 aug. 19 1 sgt..... 22 aug. 19 2 lt. 4 inf..... 30 aug. 19 accepted..... 8 sep. 19	N. Y. 15 oct. 87
Uhl, Joseph E., 18 oct. 19	C	303 eng. and 78 div. engs.... 25 sep. 17 to 13 june 19	pvt. co. C, 4 inf..... 3 sep. 19 2 lt. 4 inf..... 18 oct. 19 accepted..... 23 oct. 19	N. Y. 2 apr. 95

FOURTH INFANTRY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Concl'd</i>				
Genung, George F., 3 dec. 19	D	.....	pvt. co. D, 4 inf. 30 oct. 17 sgt. 30 mar. 18 hon. dis. 30 oct. 19 re-enlisted and warrant con. 2 lt. 4 inf. 3 dec. 19 accepted. 8 dec. 19	N. Y. 22 mar. 94
Rahmlow, Harold H., 15 dec. 19	K	mustered into u. s. ser. 21 July 16 out 5 oct. 16 into 13 apr. 17 sgt. co. K, 108 inf. hon. dis. ... 8 feb. 19	pvt. co. K, 3 inf. 21 feb. 13 full and hon. dis. 21 feb. 16 re-enlisted. 21 feb. 16 corp. 29 June 16 sgt. 30 Jan. 17 2 lt. 4 inf. 15 dec. 19 accepted. 22 dec. 19	N. Y. 16 feb. 95
Greene, Harold, 15 dec. 19 D. S. M.	H	mustered into u. s. ser. 17 July 17 1 sgt. 13 Sep. 18 hon. dis. ... 2 apr. 19	pvt. co. H, 1 inf. 13 Apr. 05 full and hon. dis. 14 May 10 re-enlisted. 14 May 10 corp. 23 Sep. 10 sgt. 16 Apr. 12 full and hon. dis. 3 June 15 re-enlisted and warrant con. dft. 5 Aug. 17 2 lt. 4 inf. 15 Dec. 19 accepted. 23 Dec. 19	N. Y. 22 Dec. 84
Stiles, Louis B., 26 dec. 19	F	pvt. batty. E, 2 f. a. 8 May 18 1 sgt. 4 Oct. 18 hon. dis. ... 18 Jan. 19	pvt. co. F, 4 inf. 30 Oct. 17 hon. dis. 8 May 18 pvt. co. F, 4 inf. — — 19 1 sgt. — — 19 2 lt. 4 inf. 26 Dec. 19 accepted. 30 Dec. 19	N. Y. 28 Feb. 80

REPORT OF THE ADJUTANT-GENERAL

FIFTH BATTALION, N. Y. G.

(Third Brigade)

Headquarters, Saranac Lake

This battalion was created by G. O. 58, A. G. O., November 22, 1917, to consist of all infantry units existing or thereafter organized in the counties of Clinton, Franklin and St. Lawrence. By same order Companies D and K, 1st Infantry, New York Guard, were transferred to this battalion. These last two companies were depot companies. All others were formed from Home Defense Units.

COMPANY A

State Armory, 116 West Main Street, Malone

Organized as a Depot Unit July 8, 1916. Mustered into State service October 15, 1917, and into the New York Guard November 19, 1917. Attached to 5th Battalion G. O. 58, A. G. O., November 23, 1917.

COMPANY B

Saranac Lake

Organized May 20, 1917. Mustered in as a Home Defense Unit June 7, 1917. Mustered into New York Guard November 1, 1917.

COMPANY C

Tupper Lake

Organized May 11, 1917. Mustered in as a Home Defense Unit August 14, 1917. Mustered into the New York Guard November 19, 1917.

COMPANY D

State Armory, 33 Elizabeth Street, Ogdensburg

Organized as a Depot Unit July 20, 1917. Mustered into State service October 17, 1917. Attached to 5th Battalion G. O. 58, A. G. O., November 22, 1917. Mustered into New York Guard December 5, 1917.

COMPANY E

Chateaugay

Organized May 29, 1917, and mustered into State service as a Home Defense Unit October 29, 1917. Mustered into New York Guard November 20, 1917.

COMPANY F

Plattsburg

Organized April 30, 1917, and mustered into State service as a Home Defense Unit October 29, 1917. Mustered into New York Guard December 4, 1917.

COMPANY G

Massena

Organized under authority granted October 5, 1917. Mustered into the New York Guard December 13, 1917.

COMPANY H

St. Regis Falls

Organized and mustered into State service as a Home Defense Unit August 13, 1917. Mustered into the New York Guard December 14, 1917.

Upon recommendation of the Commanding General, Division, N. Y. G., the following changes were made (August 1, 1919, G. O. 21): Company A, Malone, transferred to 3rd Infantry; Company B, Saranac, transferred to 2nd Infantry; Company C, Tupper Lake, transferred to 2nd Infantry; Company D, Ogdensburg, transferred to 3rd Infantry; Company E, Chateaugay, transferred to 3rd Infantry; Company F, Plattsburgh, transferred to 2nd Infantry; Company G, Massena, transferred to 3rd Infantry.

Mustered out: Company H, St. Regis Falls, November 12, 1918; Headquarters, Saranac, September 17, 1919.

SIXTH BATTALION, N. Y. G.

(Second Brigade)

Organized from Home Defense Units existing at East Hampton, Sag Harbor and Quogue, and attached to the 14th Infantry, N. Y. G. S. O. 58, A. G. O., November 22, 1917.

Company G, Islip, originally Company I, of 12th Infantry, New York Guard. Transferred to the 14th Infantry November 14, 1917. Designated Company M.

These companies were organized into a separate battalion, designated the 6th Battalion, Infantry, New York Guard, and a company recruited at Patchogue attached, by G. O. 64, A. G. O., December 22, 1917.

Mustered into the New York Guard as follows: Company G, Islip, October 30, 1917; Company H, Patchogue, December 5, 1917; Company I, East Hampton, November 15, 1917; Company K, East Hampton, November 15, 1917; Company L, Sag Harbor, November 22, 1917; Company M, Quogue, November 22, 1917; Company F, Greenport, March 21, 1918; Company E, Southampton, June 5, 1918.

Mustered out: Company E, Southampton, April 14, 1919; Company F, Greenport, April 8, 1919; Company G, Islip, April 11, 1919; Company H, Patchogue, April 11, 1919; Company I, East Hampton, April 7, 1919; Company K, East Hampton, April 7, 1919; Company L, Sag Harbor, April 9, 1919; Company M, Quogue, April 10, 1919.

SEVENTH INFANTRY, N. Y. G.

(First Brigade)

Headquarters, 643 Park Avenue, New York City

Organized as a Depot Battalion consisting of Companies A, B, C and D. Mustered into State service July 26, 1917. Designated 7th Infantry G. O. 37, A. G. O. August 3, 1917.

Reorganized as a regiment S. O. 236, A. G. O., September 18, 1917. Mustered into the New York Guard on dates as follows: Headquarters Company, Supply Company and Sanitary Detachment, November 16, 1917; Companies A, E and F, November 18, 1917; Companies C, K and L, November 14, 1917; Companies B, I and M, November 15, 1917; Companies H, D and G, November 12, 1917.

A Machine Gun Company was authorized S. O. 275, A. G. O., October 29, 1917, and mustered into the New York Guard December 7, 1917.

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonels</i>				
Crall, Howard Elmer, 30 oct. 18 reserv. list. . . . 24 may 19			pvt., corp., sgt. co. G, 7 inf. 9 jan. 91 to 23 feb. 99 1 lt. 23 feb. 99 resigned. 16 may 08 cap. 7 inf. 28 mar. 15 a. d. c. to gov. 26 july 15 actg. o. o. staff, c. g. 2 div. 25 july 16 r. l. 3 apr. 17 a. d. c. to gov. 6 apr. 17 lt. col. 7 inf. 11 oct. 17 col. 30 oct. 18 accepted. 4 nov. 18 N G. R. 13 may 19	D C 18 aug. 87
Hayes, Wade Hampton, 24 may 19 Graduate, 2 Course, Arme General Staff College, France, may, 1918.		mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 25 july 17 maj. — aug. 18 lt. col. — sep. 18 hon. dis. 2 feb. 19	pvt., corp., sgt., 1 sgt., co. I, 7 inf. 19 jan. 05 to 10 june 12 1 lt. 7 inf. 10 june 12 cap. 28 sep. 14 accepted. 30 sep. 14 dft. 5 aug. 17 col. 7 inf. 24 may 19 accepted. 28 may 19	Va. 12 may 79
<i>Lieutenant Colonel</i>				
Houston, Buchanan, 14 nov. 18			pvt. co. I, 7 regt. 11 jan. 93 corp. 18 mar. 97 sgt. 14 june 00 1 sgt. 19 dec. 01 2 lt. 31 mar. 02 1 lt. 20 jan. 03 cap. 7 inf. 1 oct. 08 with rank from. 17 sep. 08 resigned. 11 mar. 12 cap. r. l. 7 june 17 maj. 11 oct. 17 lt. col. 14 nov. 18 accepted. 15 nov. 18	N. Y. 22 apr. 75
<i>Majors</i>				
Stewart, James Ruther- ford, 11 oct. 17 f. and h. dis. . . . 8 oct. 19			pvt. co. B, 7 regt. 29 sep. 84 corp. 23 apr. 95 1 sgt. 22 sep. 98 2 lt. co. B, 7 regt. 29 dec. 03 1 lt. 28 nov. 05 bvt. cap. 4 nov. 09 cap. 28 jan. 10 with rank from. 15 jan. 10 full and hon. dis. 10 oct. 12 cap. depot bat. 7 inf. 26 june 16 maj. 7 inf. 11 oct. 17 accepted. 19 oct. 17	N. Y. 6 sep. 64

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Majors — Continued				
Fitch, Edward Arthur, 6 apr. 18		mustered into u. s. ser. 26 june 16 resigned 10 nov. 16	pvt., corp., sgt., 1 sgt., co. C, 7 inf. 17 oct. 00 to 28 sep. 14 1 lt. 28 sep. 14 resigned 10 nov. 16 cap. 11 oct. 17 maj. 6 apr. 18 accepted 11 apr. 18 N. G. R. 12 may 19	N. Y. 20 aug. 80
Stratton, Gerald, 25 nov. 18		mustered into u. s. ser. 26 june 16 out 2 dec. 16	pvt., corp., sgt., 1 sgt., co. G, 7 inf. 8 feb. 95 to 9 nov. 08 2 lt. 7 inf. 9 nov. 08 1 lt. 14 sep. 14 1 lt. r. l. 6 june 16 hon. dis. 3 feb. 17 cap. d. b., 7 inf. 27 june 17 r. l. 5 july 17 cap. 7 inf. 18 oct. 17 maj. 25 nov. 18 accepted 3 dec. 18	Can. 1 dec. 76
Captains				
Richardson, Samuel Martin 18 aug. 17	M		pvt. co. H, 7 inf. 10 feb. 96 corp. 22 sep. 98 sgt. 6 june 01 1 sgt. 18 dec. 05 1 lt. 7 inf. 8 july 09 with rank from. 22 june 09 full and hon. dis. 30 nov. 14 1 lt. d. b., 7 inf. 26 june 16 cap. 18 aug. 17 accepted 21 aug. 17	N. Y. 11 dec. 70
Wiswall, Thomas Chatter- ton 11 oct. 17	F		pvt. co. F, 7 inf. 10 oct. 89 corp. 12 jan. 92 sgt. 5 jan. 93 1 sgt. 10 oct. 98 2 lt. 2 mar. 99 1 lt. 21 apr. 00 full and hon. dis. 26 june 05 cap. 7 inf. 11 oct. 17 accepted 13 oct. 17	N. Y. 27 oct. 69
Pollock, Robert Sloane, 11 oct. 17 f. and h. dis. ... 24 july 19	E		enlisted 1 bat. n. m. 20 dec. 97 hon. dis. gun cap. 1 co. 15 jan. 03 pvt. 7 inf. 10 oct. 06 full and hon. dis. as sgt. 28 oct. 13 pvt. depot bat. 7 inf. 26 june 16 Catskill aqueduct duty 9 aug. 17 to 23 aug. 17 cap. 7 inf. 11 oct. 17 accepted 13 oct. 17	N. Y. 13 oct. 67
Wall, William Francisco, 11 oct. 17 f. and h. dis. ... 10 jan. 19	adjt.		pvt. co. I, 7 regt. 24 may 86 dropped. 28 may 92 taken up. 5 july 92 corp. 6 july 93 sgt. 16 dec. 97 out. sgt. major. 20 oct. 99 1 lt. bat. adjt. 15 july 02 full and hon. dis. 16 june 10 1 lt., adj. depot bat. 7 inf. 22 june 16 cap. 7 inf. 11 oct. 17 accepted 15 oct. 17	N. Y. 10 nov. 67

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Froment, Eugene McKibbin, 11 oct. 17	sup. off.		pvt. co. B, 7 inf. 7 jan. 97 corp. 6 June 01 dropped. 25 May 04 taken up. 30 May 04 corp. 30 May 04 sgt. 25 Jan. 06 qun. sgt. 4 Jan. 07 1 sgt. 30 Oct. 08 2 lt. 7 inf. 20 Apr. 10 with rank from. 5 Apr. 10 1 lt. ord. dept. 7 May 12 r. l. 1 May 14 detailed as aide on staff of c. g. 2 div. 23 Sep. 16 cap. 7 inf. 11 Oct. 17 accepted. 16 Oct. 17 N. G. R. 22 Apr. 19	N. Y. 4 Feb. 78
Oliver, Leslie Allen, 11 oct. 17 f. and h. dis. ... 8 oct. 19	K	mustered into u. s. ser., sgt. co. K, 7 inf., N. G. U. S., 26 June 16 hon. dis., dependent relative..16 sep. 16	pvt. co. C, 7 inf. 4 Dec. 08 tra. co. K. 7 Jan. 09 corp. 5 June 11 sgt. 20 Nov. 13 full and hon. dis. 4 Dec. 14 re-enlisted. 5 Dec. 14 full and hon. dis. 21 Dec. 16 re-enlisted. 22 Dec. 16 cap. 11 Oct. 17 accepted. 18 Oct. 17	Md. 18 mar. 77
Clark, Francis Dayton, 11 oct. 17 f. and h. dis. ... 23 may 19	B	pvt. co. A, 2 rgt., N. Y. Vols.. 2 may 98 to 25 nov. 98 mustered into u. s. ser. 26 June 16 out 2 Dec. 16	pvt. 6 sep. co. 19 Apr. 98 to 17 May 98 pvt., corp., 6 sep. co., tra. co. B, 7 rgt., corp., sgt., 1 sgt., to 10 June 12 2 lt. 7 inf. 10 June 12 1 lt. 24 Dec. 12 resigned. 24 Jan. 17 1 lt. 7 Aug. 17 cap. 11 Oct. 17 accepted. 19 Oct. 17	N. J. 25 Jan. 78
Dunn, Robert M., 26 oct. 17	i. s. a. p.		pvt. co. G, 7 inf. 22 Oct. 83 corp. 10 June 87 sgt. 16 Sep. 87 1 sgt. 16 June 93 1 lt. 7 inf. 12 July 93 full and hon. dis. 21 Oct. 96 pvt. co. A, d. b. 7 inf. 23 June 16 hon. dis. 17 July 16 2 lt. d. b. 7 inf. 18 July 16 1 lt. 7 inf. 18 Aug. 17 cap. 26 Oct. 17 accepted. 2 Nov. 17	
Crawford, Merritt, 23 nov. 17	m. g. co.	pvt. co. G, 201 inf., N. Y. vols., 12 July 98 mustered out as sgt. with co. G, 201 rgt., N. Y. Vols., Greenville, S. C., 3 Apr. 99	pvt. co. B, 7 inf. 9 June 98 dropped. 4 Aug. 98 taken up. 18 May 99 dropped. 29 Sep. 99 taken up. 9 Nov. 99 dropped. 3 Oct. 01 taken up. 26 Jan. 06 dropped. 26 Oct. 06 enlisted d. b., 7 rgt. 26 July 16 corp. co. B, 7 inf. 15 Nov. 17 cap. 23 Nov. 17 accepted. 27 Nov. 17	N. Y.

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Smith, Jesse A. B., 11 dec. 17 f. and h. dis. . . 28 mar. 19	A	.....	pvt. co. A, 7 inf. . . . 16 sep. 02 corp. 1 apr. 04 sgt. 14 feb. 08 full and hon. dis. . . 12 apr. 10 1 lt. 7 inf. 18 aug. 17 cap. 11 dec. 17 accepted 21 dec. 17	N. Y. 23 oct. 80
McComas, Joseph P., 12 jan. 18	chap.	.....	cap. 7 inf. 12 Jan. 18 accepted 15 jan. 18	Md. 19 sep. 70
Hawkins, George Fred- erick, 18 July 18 f. and h. dis. . . 13 aug. 19	I	volunteer aide Major General Shafter, 1898	pvt. co. I, 7 regt. . . . 4 may 98 corp. 20 dec. 00 sgt. 27 mar. 03 dis. 5 oct. 04 1 lt. 7 inf. 23 nov. 17 cap. 18 July 18 accepted 25 July 18	Pa. 29 June 74
Clarke, Paul Josiah, 26 sep. 18	L	.....	pvt. co. B, 2 inf. . . . 1 mar. 04 corp. 20 dec. 07 sgt. 31 may 11 full and hon. dis. . . 14 apr. 14 1 lt. 7 inf. 23 nov. 17 cap. 26 sep. 18 accepted 27 sep. 18	Ga. 30 June 82
Daniell, Griswold B., 5 nov. 18	K	mustered into u. s. ser. 26 June 16 out 2 dec. 16 into 15 July 17 1 lt. inf. 25 Jan. 18 cap. 5 Nov. 18 hon. dis. 2 Apr. 19	pvt. co. K, 7 inf. . . . 15 May 06 corp. 27 May 09 sgt. 13 June 11 full and hon. dis. . . 2 Dec. 14 re-enlisted and warrant con. 1 sgt. 20 Nov. 16 2 lt. 7 inf. 11 May 17 accepted 16 May 17 dft. 5 Aug. 17 cap. 7 inf. 24 Sep. 19 accepted 25 Sep. 19	N. Y. 4 July 86
Ennis, Louis Van Roden, 4 dec. 18 f. and h. dis. . . 9 June 19	H	.....	pvt. co. H, 7 regt. . . . 20 Aug. 92 corp. 28 Sep. 96 dis. 29 Apr. 99 re-enlisted co. A, d. b. 26 June 16 1 sgt. 5 Aug. 16 2 lt. 7 inf. 18 Aug. 17 1 lt. 23 Nov. 17 cap. 4 Dec. 18 accepted 9 Dec. 18	N. J. 27 Jan. 66
Kenney, Edgar, 10 dec. 18 f. and h. dis. . . 18 Dec. 19	D	mustered into u. s. ser. 26 June 16 out 6 Oct. 16	pvt. co. D. 19 Nov. 06 corp. 24 Feb. 12 sgt. 26 June 16 hon. dis. 6 Oct. 16 1 lt. 2 Aug. 18 cap. 10 Dec. 18 accepted 13 Dec. 18	N. Y. 16 Jan. 84
French, Hamlin Quigley, Jr., 13 Dec. 18	G	.....	pvt. co. G, 7 inf. . . . 27 Feb. 99 full and hon. dis. . . . 1 mar. 15 re-enlisted in same. . . 2 mar. 15 dropped 26 June 16 enlisted d. b., 7 inf. . . 27 June 16 re-enlisted co. C, d. b., 7 inf. 30 June 17 1 lt. 23 Nov. 17 cap. 13 Dec. 18 accepted 16 Dec. 18	N. Y. 26 Aug. 79

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Robinson, Edwin Collins, 28 dec. 18 f. and h. dis. . . 28 mar. 19	C	.....	pvt. co. C, 7 regt. . . . 5 nov. 90 corp. 11 jan. 93 sgt. 20 nov. 95 1 agt. 6 dec. 99 hon. dis. 14 nov. 00 re-enlisted 12 mar. 02 dropped 15 jan. 04 taken up 13 may 04 dropped 4 may 07 taken up 3 jan. 08 dropped 1 may 08 2 lt. 7 inf. 23 nov. 17 cap. 28 dec. 18 accepted. 31 dec. 18	N. Y. 14 dec. 66
Taylor, Hiram W., 14 jan. 19	B	mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 15 july 17 1 lt. 107 inf., 15 jan. 18 cap. 14 jan. 19 hon. dis. . . 2 apr. 19	pvt. co. C, 7 inf. . . . 1 apr. 05 corp. 29 nov. 12 color sgt. 14 feb. 13 full and hon. dis. . . 16 apr. 15 re-enlisted 17 apr. 15 sgt. 23 june 16 bat. sgt. maj. 25 sep. 16 2 lt. 4 may 17 accepted 4 may 17 dft. 5 aug. 17 cap. 7 inf. 26 dec. 19 accepted 30 dec. 19	Eng. 28 july 74
Toussaint, Charles Otto, 20 jan. 19	adj.	.....	pvt. co. K, 7 regt. . . . 17 dec. 84 corp. 22 dec. 86 sgt. 10 june 91 sgt. maj. 7 regt. . . . 26 apr. 95 1 lt. bat. adj. 15 sep. 98 full and hon. dis. . . 13 jan. 08 r. 1 lt. 1 mar. 16 1 lt. 7 inf. 18 oct. 17 cap. 20 jan. 19 accepted 30 jan. 19	N. Y. 10 mar. 62
Wheeler, Frost mountaine, 2 may 19	A	.....	pvt. co. H, 7 inf. . . . 18 oct. 01 corp. 21 dec. 05 full and hon. dis. . . 19 oct. 11 enl. co. C, depot bat. 7 inf. 23 june 16 1 agt. 12 oct. 16 pvt. co. B, 7 inf., 1 sgt. 15 nov. 17 2 lt. 7 inf. 23 nov. 17 full and hon. dis. . . 12 nov. 18 1 lt. 28 dec. 18 cap. 2 may 19 accepted 21 may 19	Minn. 25 mar. 78
Godfrey, Joseph C., Jr., 18 june 19	C	mustered into u. s. ser. 26 june 16 out 2 dec. 16	pvt. co. C, 7 inf. . . . 26 feb. 13 corp. 21 june 15 hon. dis. 25 sep. 16 pvt. co. C, 7 inf. . . . 14 nov. 17 1 agt. 10 june 18 2 lt. 7 inf. 11 june 18 1 lt. 20 jan. 19 cap. 18 june 19 accepted 24 june 19	Ill. 15 8 dec. 90

SEVENTH INFANTRY — NEW YORK GUARD — (Continued).

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Buell, Ralph P., 2 July 19	I	co. F, 1 D. C. vol., 10 May 98 to 10 Nov. 98 mustered into u. s. a. ser. 25 June 17 2 lt. inf. 5 Dec. 17 1 lt. 9 July 18 hon. dis. 6 June 19	pvt. co. I, 7 inf. 4 Oct. 04 full and hon. dis. 4 Oct. 11 re-enlisted, co. L. 4 Oct. 11 full and hon. dis. 28 Feb. 12 re-enlisted. 28 Feb. 12 full and hon. dis. 29 June 15 re-enlisted. 29 June 15 dft. 5 Aug. 17 cap. 7 inf. 2 July 19 accepted. 3 July 19	D. C. 21 Dec. 78
Beaver, John Andrew, 19 Aug. 19	E	cap. m. t. c., 20 Sep. 18 hon. dis. 9 Jan. 19	pvt. co. K, 7 inf. 6 Mar. 07 corp. 5 Jan. 10 hon. dis. 29 May 12 re-enlisted, d. b. co. B, 7 inf. 26 July 16 1 Sgt. 16 Sep. 17 tra. to 7 inf. 14 Nov. 17 1 lt. 7 inf. 23 Nov. 17 accepted. 28 Nov. 17 full and hon. dis. 26 Sep. 18 1 lt. 7 inf. 11 Feb. 19 cap. 19 Aug. 19 accepted. 16 Sep. 19	Va. 1 Apr. 84
<i>First Lieutenants</i>				
Alleyn, Charles Gordon, 23 Nov. 17	B	mustered into u. s. a. ser. 26 June 16 out 2 Dec. 16	pvt. co. E, 7 inf., tra. co. B, corp., Sgt., 1 Sgt. 5 Feb. 89 to 9 June 14 2 lt. 9 June 14 resigned. 25 Apr. 17 r. l. 23 June 17 1 lt. 23 Nov. 17 accepted. 27 Nov. 17	N. Y. 23 July 62
Mack, Samuel Joseph, 23 Nov. 17	F	mustered into u. s. a. ser. 26 June 16 resigned. 15 Sep. 16	pvt. corp., Sgt., 1 Sgt. co. F, 7 inf. 5 May 92 to 16 June 11 2 lt. 7 inf. 16 June 11 1 lt. 13 Mar. 15 resigned. 15 Sep. 16 1 lt. 7 inf. 23 Nov. 17 accepted. 30 Nov. 17	N. Y. 16 May 67
Martin, Harry Wallace, 23 Nov. 17 f. and h. dis. 27 Feb. 19	M	.....	pvt. co. H, 7 inf. 21 June 90 corp. 15 May 95 Sgt. — Nov. 95 dis. 2 Jan. 98 2 lt. 7 inf. 18 Aug. 17 1 lt. 23 Nov. 17 accepted. 30 Nov. 17	N. Y.
May, Leslie W., 23 Nov. 17 f. and h. dis. 28 Mar. 19	.....	.....	pvt. co. E, 7 inf. 18 Jan. 01 lance corp. 18 Dec. 03 corp. 22 Dec. 04 Sgt. 19 Apr. 06 full and hon. dis. 16 Apr. 07 enlisted, depot bat. 23 June 16 dis. 13 Nov. 17 re-enlisted co. E. 13 Nov. 17 1 lt. 23 Nov. 17 accepted. 30 Nov. 17	N. Y. 28 Apr. 60
James, Arthur Edwin, 11 Dec. 17 reserve list. 13 May 19	m. g co.	.....	pvt. co. C, d. b., 7 regt. 29 June 17 co. B, 7 inf. 15 Nov. 17 1 lt. 7 inf. 11 Dec. 17 accepted. 18 Dec. 17	Pa. 25 Sep. 77

SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Wenneis, Frank, 28 feb. 18	asst. i. s. a. p.		pvt. co. E, 7 inf. 15 oct. 10 gt. 4 nov. 12 ord. agt. 26 june 14 dis. 15 oct. 16 pvt. co. A, depot bat. 15 june 17 dis. 12 nov. 17 pvt. co. E. 13 nov. 17 1 lt. 7 inf. 28 feb. 18 accepted. 2 mar. 18	N. Y. 10 apr. 81
Dederer, Harry L., 28 may 18	bat. adj.		pvt. co. F. 1 apr. 93 lance corp. 14 june 99 corp. 14 june 00 agt. 21 mar. 01 1 agt. 13 june 11 full and hon. dis. 18 sep. 13 pvt. co. F. 13 nov. 17 bat. agt. maj. 27 dec. 17 1 lt. 7 inf. 28 may 18 accepted. 4 june 18	N. Y. 26 feb. 72
Mygrant, William S., 15 july 18 reserve list. 13 may 19	band leader	mustered into u. s. ser. 28 june 16 out 15 nov. 16	band leader, 13 regt. 30 mar. 97 hon. dis. 16 may 98 re-enlisted. 9 jan. 99 hon. dis. 26 nov. 00 re-enlisted. 28 may 01 full and hon. dis. 26 sep. 99 re-enlisted, chief mus. 1 f. a. 2 mar. 15 dis. 23 may 17 pvt. 1 lt. 15 july 18 accepted. 19 july 18	Ind. 12 sep. 62
Hahn, John Frederic, 14 aug. 18	I	cap. co. 4. marine div. home def. league, N. Y. City, 1 june 17 to 1 dec. 17	pvt. co. I, 7 regt. 20 may 99 to 20 oct. 03 pvt. depot bat. co. D. 30 june 16 to 16 aug. 17 2 lt. 7 inf. 11 dec. 17 1 lt. 14 aug. 18 accepted. 20 aug. 18	N. Y. 19 dec. 72
Floyd, Charles H., 14 sep. 18	bat. adj.	mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 25 july 17 2 lt. 107 inf., 8 mar. 18 1 lt. 14 sep. 18 hon. dis. 2 apr. 19	pvt. co. I, 7 inf. 13 oct. 13 corp. 25 june 16 agt. 23 mar. 17 1 agt. 4 may 17 dft. 5 aug. 17 1 lt. 7 inf. 21 oct. 19 accepted. 24 oct. 19	Mass. 28 sep. 78
Woodward, Van Lear, 19 oct. 18			pvt. co. K, 7 regt. 11 sep. 08 f. and h. dis. 17 feb. 14 pvt. D. B. 30 aug. 17 must. out. 14 nov. 17 pvt. co. K. 30 nov. 17 1 agt. 4 jan. 18 1 lt. 7 inf. 19 oct. 18 accepted. 6 nov. 18	Mass. 24 july 90
Pryer, Harold Chardavoyne, 12 nov. 18 f. and h. dis. 16 apr. 19	L		pvt. co. A, 7 regt. 29 sep. 03 trs to co. L. 13 apr. 10 corp. 8 june 15 dis. 14 apr. 16 2 lt. 7 inf. 23 nov. 17 1 lt. 12 nov. 18 accepted. 14 nov. 18	N. Y. 27 july 83

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
First Lieutenants — Con- tinued				
Relyea, William Carpenter, 18 dec. 18	H	.....	pvt. co. H, 7 regt. 13 jan. 96 corp. 8 nov. 00 sgt. 7 jan. 04 full and hon. dis. 4 oct. 07 enl. co. A, depot bat., 7 inf. 24 june 16 sgt. 5 aug. 16 1 sgt. 13 sep. 17 hon. dis. 11 nov. 17 re-enlisted, co. H, 7 inf. 11 nov. 17 2 lt. 7 inf. 23 nov. 17 1 lt. 18 dec. 18 accepted. 19 dec. 18	N. Y. 21 nov. 72
Moore, George Cleston, Jr., 28 dec. 18	G	.....	pvt. 7 inf. 14 jan. 10 hon. dis. 13 jan. 15 re-enlisted. 14 jan. 15 furloughed to N. G. R. 27 feb. 17 dis. 16 may 17 enlisted 7 inf. 12 nov. 17 hon. dis. 22 nov. 17 2 lt. 7 inf. 23 nov. 17 1 lt. 28 dec. 18 accepted. 3 jan. 19	Conn. aug. 85
Byrd, Howard G., 8 jan. 19	.....	pvt. batty. A. N. C. N. G., sep., 1906. sgt., mar., 1907. dropped, oct., 1907. mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 15 july 17 dis. — sep. 17	pvt. co. D. 31 oct. 10 full and hon. dis. 16 nov. 14 re-enlisted. 16 nov. 14 lance corp. 23 dec. 14 corp. 26 june 16 pvt. co. D. 12 nov. 17 1 sgt. 4 jan. 18 2 lt. 7 inf. 3 july 18 1 lt. 8 jan. 19 accepted. 10 jan. 19	Md. 16 sep. 85
Van Note Stanley C., 13 mar. 19	M	.....	pvt. co. G, 7 regt. 12 sep. 90 dropped. 1 feb. 98 taken up. 12 mar. 03 corp. 3 june 07 sgt. 8 dec. 11 bat. sgt. maj. 14 feb. 13 tra. depot bat. 26 june 16 sup. sgt. co. B, 7 inf. . . . 9 aug. 17 sup. sgt. co. G. 23 oct. 17 sup. sgt. co. M, 7 inf. . . . 12 nov. 17 2 lt. 7 inf. 23 nov. 17 1 lt. 13 mar. 19 accepted. 17 mar. 19	N. Y. 19 nov. 71
Matt, Lawrence M., 28 may 19	band leader	mustered into u. s. ser. 25 july 17 hon. dis. 2 apr. 19	band master 65 inf. . . . 10 mar. 90 hon. dis. 18 dec. 93 chief musc. 22 eng. . . . 4 dec. 09 full and hon. dis. 10 mar. 15 band leader, 7 inf. 5 july 17 dft. 5 aug. 17 1 lt. 7 inf. 28 may 19 accepted. 31 may 19	Mass. 12 june 65
Zink, Anthony De H., 24 july 19	E	mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 25 july 17 hon. dis from 107 inf. . . . 17 july 18 17 july 18 2 lt. f. a., co. C, trench mor. bat. 17 july 18 hon. dis. —	pvt. co. E, 7 inf. 13 oct. 08 to hq. det. 22 nov. 12 to co. E. 1 oct. 14 full and hon. dis. 17 nov. 14 re-enlisted. 18 nov. 14 corp. 22 june 16 sgt. 1 oct. 16 dft. 5 aug. 17 1 lt. 7 inf. 24 july 19 accepted. 26 july 19	N. Y. 29 oct. 84

SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Concluded</i>				
McGlone, Carl T., 24 July 19	bat. adj.	mustered into u. s. ser. 16 July 17 corp. 5 Apr. 18 hon. dis. . . . 2 Apr. 19	pvt. hdq. co. 7 inf. . . . 10 May 17 dft. 5 Aug. 17 1 lt. 7 inf. 24 July 19 accepted. 4 Aug. 19	N. Y. 18 Oct. 96
<i>Second Lieutenants</i>				
Jaques, Washington Lee, 1 Nov. 17	sup. co.		pvt. co. H, 7 inf. 5 Feb. 94 tra. co. G, 7 inf. 12 May 99 regt. comy. agt. 3 June 04 tra. to depot bat. 26 June 16 2 lt. 7 inf. 1 Nov. 17 accepted. 5 Nov. 17	N. Y. 11 Nov. 74
evens, James Forsyth, 23 Nov. 17 f. and h. dis. . . 13 May 19	E		pvt. 7 inf. 15 Jan. 04 corp. 29 Mar. 07 full and hon. dis. . . . 10 Feb. 14 pvt. depot bat. 7 inf. . . 26 June 16 discharged. 29 Oct. 17 2 lt. 7 inf. 23 Nov. 17 accepted. 30 Nov. 17	N. Y. 15 May 79
Brown, Philip P., 17 Dec. 17 hon. dis. 21 Oct. 19	m. g. co.		pvt. m. g. co. 7 inf. . . . 7 Dec. 17 2 lt. 17 Dec. 17 accepted. 21 Dec. 17	Cal. 6 Sep. 90
Fisher, Robert C., 3 Jan. 18	F		co. F, 7 regt. 24 Nov. 90 corp. 6 Oct. 92 agt. 2 June 93 dis. 23 Apr. 00 2 lt. 23 Apr. 00 resigned. 18 Feb. 01 2 lt. 3 Jan. 18 accepted. 8 Jan. 18	N. Y. 10 May 66
Carleton, Guy O., 5 Sep. 18 f. and h. dis. . . 12 Sep. 19	I		pvt. co. I 11 Jan. 06 corp. 18 Mar. 11 agt. 21 Dec. 15 full and hon. dis. . . . — Feb. 17 2 lt. 5 Sep. 18 accepted. 17 Sep. 18	N. Y. 26 Sep. 81
Wood, Jefferson K., 1 Nov. 18	C	mustered into u. s. ser. 26 June 16 out 2 Dec. 16 into 25 July 17 1 agt. 107 inf. 3 Feb. 18 2 lt. inf. 1 Nov. 18 to 353 inf. 12 Feb. 19 hon. dis. 27 May 19	pvt. co. G, 7 inf. 30 Nov. 14 pvt. 1 cl. — June 16 corp. 13 Sep. 16 hon. dis. 15 Feb. 17 re-enlisted. 13 July 17 dft. 5 Aug. 17 2 lt. 7 inf. 7 Aug. 19 accepted. 13 Aug. 19	Cal. 5 Sep. 94
Livingston, Robert F., 6 Nov. 18	K	mustered into u. s. ser. 26 June 16 out 2 Dec. 16	pvt. co. K, 7 inf. 28 Nov. 13 to N. G. R. 11 Apr. 17 hon. dis. 19 May 17 pvt. co. K, 7 inf. 14 Nov. 17 sup. agt. 8 Feb. 18 2 lt. 7 inf. 6 Nov. 18 accepted. 8 Nov. 18	Pa. 16 Jan. 86
Meador, John E. D., 12 Nov. 18 hon. dis. 12 Sep. 19	m. g. co.		2 lt. 7 inf. 12 Nov. 18 accepted. 15 Nov. 18	Mo. 2 Apr. 86

SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- tinued</i>				
Nixon, Howard C., 27 nov. 18 f. and h. dis. . . 16 apr. 19	L	.....	pvt. co. B. 20 mar. 06 lance corp. 5 nov. 08 corp. 17 dec. 09 full and hon. dis. . . . 26 apr. 12 re-enlisted. 24 oct. 12 corp. 14 nov. 12 sgt. 14 feb. 13 full and hon. dis. . . . 3 dec. 14 re-enlisted. 4 dec. 15 bat. sgt. maj. 16 feb. 15 trans. co. C, D. B. . . . 26 june 16 full and hon. dis. . . . 20 oct. 16 pvt. co. L. 22 oct. 18 sgt. 15 nov. 18 2 lt. 7 inf. 27 nov. 18 accepted. 3 dec. 18	N. Y. 9 june 86
Momberger, William J., 3 dec. 18	A	.....	pvt. co. A. 26 jan. 06 full and hon. dis. . . . 9 nov. 15 pvt. co. D, depot bat. . . 28 june 16 full and hon. dis. . . . 16 aug. 17 pvt. co. A, 7 inf. 11 nov. 17 1 sgt. 2 lt. 7 inf. 3 dec. 18 accepted. 7 dec. 18	N. J. 21 jan. 79
Kent, Charles B., 10 dec. 18	B	.....	pvt. co. B. 4 oct. 06 dropped. 18 may 07 taken up. 29 may 07 corp. 17 dec. 09 full and hon. dis. . . . 20 oct. 11 re-enlisted, co. B. . . . 12 sep. 13 dropped. 24 aug. 14 taken up. 4 mar. 15 corp. 12 july 15 full and hon. dis. . . . 24 mar. 16 re-enlisted, co. C, depot bat. 26 june 16 corp. 9 aug. 17 hon. dis. 14 nov. 17 re-enlisted, co. B. . . . 15 nov. 17 sgt. 18 jan. 18 re-enlisted. 26 july 18 1 sgt. 15 nov. 18 2 lt. 7 inf. 10 dec. 18 accepted. 13 dec. 18	N. Y. 25 nov. 85
Wilson, Edward A., 28 dec. 18	H	.....	pvt. co. A. 16 oct. 96 lance corp. 11 oct. 98 corp. 21 dec. 00 full and hon. dis. . . . 21 nov. 01 pvt. depot bat. 26 july 16 corp. 26 july 16 sgt. 13 sep. 17 trans. to co. H. 19 nov. 17 2 lt. 7 inf. 28 dec. 17 accepted. 31 dec. 17	N. Y. 15 june 74
Fischer, Rudolph H., 24 jan. 19	D	.....	pvt. co. D, 7 inf. 18 sep. 07 full and hon. dis. . . . 16 nov. 14 re-enlisted. 17 nov. 14 full and hon. dis. . . . 17 sep. 16 pvt. co. D, 7 inf. 12 nov. 17 1 sgt. 2 lt. 7 inf. 24 jan. 19 accepted. 27 jan. 19	N. Y. 13 july 78
Evans, Alfred M., 3 feb. 19	G	.....	2 lt. 7 inf. 3 feb. 19 accepted. 28 feb. 19	N. Y. 3 july 89

SEVENTH INFANTRY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank, and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Concluded</i>				
Ingalls, Frederick W., 15 may 19	M	.....	pvt. co. K, 7 inf. 26 feb. 12 to co. A, depot bat. 7 inf. 26 june 16 hon. dis. 14 nov. 17 pvt. co. M, 7 inf. 15 nov. 17 1 sgt. 4 jan. 18 2 lt. 7 inf. 15 may 19 accepted. 17 may 19	N. J. 20 mar. 90
Lamb, William C., 18 june 19	L	.....	pvt. co. L, 7 inf. 30 mar. 12 full and hon. dis. 30 mar. 15 pvt. co. L. 14 nov. 17 corp. 26 apr. 18 sgt. 29 nov. 18 2 lt. 7 inf. 18 june 19 accepted. 18 june 19	N. Y. 6 nov. 88
Bryan, William C., 18 june 19	E	mustered into u. s. ser. 26 june 16 out 2 dec. 16	pvt. co. E, 7 inf. 29 feb. 12 full and hon. dis. 28 feb. 15 re-enlisted. 5 mar. 15 corp. 25 june 16 sgt. 25 sep. 16 hon. dis. 15 may 17 pvt. co. E, 7 inf. 13 nov. 17 1 sgt. 4 jan. 18 2 lt. 7 inf. 18 june 19 accepted. 20 june 19	N. Y. 15 july 88
Nehemias, Bernard E., 4 sep. 19	C	mustered into u. s. ser. 5 july 16 out 2 dec. 16 into 25 july 17 sgt. 107 inf. 5 may 18 hon. dis. ... 6 apr. 19	pvt. co. C, 7 inf. 5 july 16 corp. 11 july 17 dft. 5 aug. 17 pvt. co. C, 7 inf. 18 may 19 2 lt. 7 inf. 4 sep. 19 accepted. 5 sep. 19	N. Y. 28 sep. 95
Clayton, Washington I., 26 dec. 19	I	mustered into u. s. ser. 26 june 16 out 2 dec. 16 into 15 july 17 sgt. 107 inf. 23 aug. 17 inf. school, France, 17 oct. 18 hon. dis. ... 2 apr. 19	pvt. co. I, 7 inf. 8 june 16 corp. 18 may 17 dft. 5 aug. 17 pvt. co. I, 7 inf. 11 dec. 19 2 lt. 7 inf. 26 dec. 19 accepted. 9 jan. 20	N. J. 13 jan. 96

TENTH INFANTRY, N. Y. G.

(Third Brigade)

Headquarters, Armory, 195 Washington Avenue, Albany

Company F, Poughkeepsie, mustered in as a unit of 10th Infantry October 31, 1917. Transferred to 1st Infantry November 22, 1917, G. O. 58, A. G. O.

Companies A, B, C and D, Albany; Company E, Catskill; F, Hudson; G, Yonkers; H, Mt. Vernon; I, Flushing; K, Poughkeepsie; L, White Plains; M, Kingston, and Machine Gun Company, Hempstead, L. I., were organized as Depot Units in July, 1917, and by G. O. 87, A. G. O., August 3, 1917, became units of the 10th Infantry, N. Y. G.

Companies G, H and L were transferred to the 8th C. A. C., Companies I and Machine Gun Company to the 47th Infantry, S. O. 245, A. G. O., September 26, 1917.

By G. O. 58, A. G. O., November 22, 1917, Companies K, F and M were transferred to the 1st Infantry, and Companies A, B, F, G and M of the 1st Infantry were attached to this regiment, and by same order all infantry units located in the counties of Columbia, Greene, Albany, Schoharie, Delaware, Otsego, Herkimer, Oneida and Madison were attached.

SUPPLY COMPANY

Headquarters, Oneida — One Platoon at Madison

Organized as Home Defense Units, April, 1917. Mustered into the New York Guard, Oneida Platoon, December 27, 1917; Madison Platoon, November 8, 1917.

MACHINE GUN COMPANY

Headquarters, Rome

Organized as a Home Defense Unit April, 1917. Mustered into the New York Guard November 30, 1917.

COMPANY A

195 Washington Avenue, Albany

Organized as a Depot Unit July, 1916. Mustered into State service August 6, 1917. Mustered into the New York Guard November 5, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY B

195 Washington Avenue, Albany

Organized as a Depot Unit July, 1916. Mustered into State service August 6, 1917. Mustered into the New York Guard October 23, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY C

195 Washington Avenue, Albany

Organized as a Depot Unit July, 1916. Mustered into State service August 6, 1917. Mustered into the New York Guard December 3, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY D

195 Washington Avenue, Albany

Organized as a Depot Unit July, 1916. Mustered into the New York Guard December 27, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY E

78 Water Street, Catskill

Organized as a Depot Unit July, 1917. Mustered into New York Guard November 9, 1917.

Performed active duty with the 2d Provisional Regiment.

COMPANY F

Fifth and State Streets, Hudson

Organized as a Depot Unit July, 1916. Mustered into State service July 26, 1917. Mustered into New York Guard November 7, 1917.

Performed active duty with the 1st Provisional Regiment on New York Aqueduct.

COMPANY G

4 Academy Street, Oneonta — Platoon at Cooperstown

Organized as a Depot Unit July, 1916. Mustered into State service August 12, 1917. Mustered into the New York Guard, as Company G, 1st Infantry, November 13, 1917. Transferred to 10th Infantry as Company G, G. O. 58, A. G. O., December 1, 1917, G. O. 2, 3B. Cooperstown Platoon mustered into the New York Guard April 12, 1918.

Performed duty with 1st Provisional Regiment, guarding the New York Aqueduct.

COMPANY H

Headquarters, Cobleskill — Platoon at Middleburgh

Organized as Home Defense Units June, 1917. Mustered into the New York Guard as follows: Cobleskill platoon October 30, 1917; Middleburgh Platoon November 5, 1917.

Performed active duty with 1st Provisional Regiment guarding the New York Aqueduct.

COMPANY I

Headquarters, 139-141 Stockton Avenue, Walton — Platoon at Sidney

Walton platoon organized as a Depot Unit of Company F, 1st Infantry N. G., N. Y., July, 1916. Transferred to the 10th Infantry, G. O. 58, A. G. O., November 22, 1917. Designated Company I, S. O. 3, 10th Infantry. Mustered into the New York Guard December 7, 1917.

Sidney platoon organized as a Home Defense Unit. Attached to Company I, S. O. 3, 10th Infantry, December 1, 1917. Mustered into the New York Guard November 28, 1917.

Performed active duty with 1st Provisional Regiment.

COMPANY K

Armory, Steuben and Rutgers Streets, Utica

Organized as a Depot Unit of Company A, 1st Infantry, N. G., N. Y. Mustered into State service July 30, 1917. Transferred to 10th Infantry S. O. 58, A. G. O., November 22, 1917. Mustered into the New York Guard November 22, 1917. Designated Company K.

Performed active duty with 1st Provisional Regiment.

COMPANY L

Headquarters, Steuben Park, Utica — Platoon at New Hartford

Utica platoon organized as a Depot Unit of Company B, 1st Infantry, July, 1917. Mustered into State service August 7, 1917. Mustered into the New York Guard November 14, 1917. Transferred to the 10th Infantry, G. O. 58, A. G. O., November 22, 1917. Designated Company L.

New Hartford platoon organized as a Home Defense Unit September, 1917. Mustered into the New York Guard November 27, 1917.

Performed active duty with 1st Provisional Regiment.

COMPANY M

Armory, East Main Street, Mohawk

Organized as a Depot Unit July, 1917. Mustered into the New York Guard as Company M, 1st Infantry, N. G., N. Y., September 27, 1917. Transferred to 10th Infantry, G. O. 58, A. G. O., November 22, 1917.

Performed active duty with 1st Provisional Regiment.

Mustered out: Platoon Company H, Middleburgh, October 7, 1918; Platoon Company I, Sidney, October 8, 1918; Platoon Supply Company, Madison, January 18, 1919; Company H, Cobleskill, April 28, 1919.

Designation of Supply Company, Oneida, changed to Company H, and authority given to organize a Supply Company at Albany, July 31, 1919 (S. O. 171, A. G. O.).

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.— McGill's Ferry, La., January 6, 1863; Ponchatoula, La., March 24, 1863; McGill's Ferry, La., March 24, 1863; Civique's Ferry, La., March 25, 1863; Amite River, La., May 10 and 11, 1863; Port Hudson, La., May 23 to July 8, 1863; Spanish-American War, 1898; Hawaii, 1898; World War, 1917.

On the State Color.— Helderbergs, 1865; West Albany, 1877; Buffalo, 1892; Albany, 1901; Coeymans, 1906.

TENTH INFANTRY, NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Walsh, Charles Easton, 22 nov. 17	1 sgt. co. D, 1 regt., N. Y. vols., 2 may 98 to 20 feb. 99	pvt. co. D, 10 bat. 12 june 94 corp. 9 aug. 95 sgt. 24 dec. 95 1 sgt. 20 apr. 98 2 lt. 1 june 00 1 lt. 5 apr. 01 cap. 45 sep. co. 17 may 05 resigned. 11 dec. 11 maj. 10 inf. 20 sep. 17 col. 22 nov. 17 accepted. 24 nov. 17	N. Y. 17 may 71
<i>Majors</i>				
Lamb, Charles James, 7 aug. 17		pvt. 44 sep. co. 7 apr. 98 trs. 144 sep. co. 16 may 98 corp. 8 july 98 sgt. 7 feb. 99 reduced and trs. 44 sep. co. 23 feb. 99 corp. 26 june 00 sgt. 9 mar. 03 hon. dis. 8 apr. 03 re-enlisted, warrant renewed. 8 apr. 03 1 sgt. 20 oct. 05 2 lt. 31 sep. co. 4 dec. 06 cap. 1 inf. 14 apr. 10 with rank from. 2 apr. 10 resigned. 25 july 13 r. l. 30 mar. 16 on duty with depot bat., 1 inf. 10 july 16 maj. 1 inf. 7 aug. 17 accepted. 7 aug. 17 1 prov. regt. 7 aug. 17 relieved. 9 jan. 19	Eng. 29 feb. 80
Donner, Willard Henry, 22 jan. 18		pvt. co. A, 10 bat. 12 oct. 90 corp. 16 july 00 sgt. 3 nov. 02 2 lt. 22 oct. 03 1 lt. 26 co. 16 mar. 06 full and hon. dis. 14 nov. 10 cap. depot bat. 10 inf. 21 july 16 maj. 10 inf. 22 jan. 18 accepted. 30 jan. 18 2 prov. regt. 9 aug. 17 relieved. 8 feb. 18	N. Y. 4 aug. 76
Hewes, James E., 9 oct. 18 hon. dis. 13 may 19	Maryland N. M., 4 yrs.; cap. 1 regt. U. S. vol. eng. Span- Amer. war.; eng. officer, Porto Rico.	maj. 10 inf. 9 oct. 18 accepted. 14 oct. 18	Md. 72
Wheelock, William Fowler, 10 sep. 19	1 lt. 1 N. Y. inf., 2 may 98 to 20 feb. 99 mustered into u. s. a. ser. 17 july 17 hon. dis. 4 jan. 18 1 lt. qm. c. 30 sep. 18 hon. dis. 14 apr. 19	pvt. corp., 1 sgt., co. D, 10 bat. 13 feb. 94 to 20 dec. 95 2 lt. 20 dec. 95 1 lt. 14 mar. 00 cap. 25 jan. 01 1 lt. 10 inf. 1 may 06 cap. 10 inf. 5 july 11 accepted. 8 july 11 dft. 5 aug. 17 maj. 10 inf. 22 jan. 18 accepted. 26 jan. 18 full and hon. dis. 11 oct. 18 r. l. 18 aug. 19 maj. 10 inf. 10 sep. 19 accepted. 12 sep. 19	N. Y. 22 jan. 72

TENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains</i>				
Miller, Edward Kook, 1 June 14	K	mustered into u. s. ser. 15 July 17 cap. 1 pioneer inf., hon. dis. 29 July 19	pvt., corp., sgt., 28 sep. co. 12 feb. 94 to 30 July 07 hon. dis. 13 feb. 00 pvt., sgt. 19 feb. 00 hon. dis. 14 June 06 2 lt. 28 sep. co. 30 July 07 1 lt. 1 inf. 10 May 12 cap. 1 June 14 accepted 10 June 14 dft. 5 Aug. 17 cap. 10 inf. 9 Dec. 19 accepted 10 Dec. 19	N. Y. 4 Nov. 73
Connor, Arthur Earl, 5 July 16 1. and h. dis. . . 9 May 19	I		cap. 1 inf. 11 feb. 13 hon. dis. 13 mar. 16 r. l. 30 mar. 16 duty with depot co. F, 1 inf. 5 July 16 cap. 1 inf. 15 sep. 17 accepted 19 sep. 17 assigned to 10 inf. 22 nov. 17	N. Y. 8 Oct. 84
Wilbur, Howard Cornell, 18 July 17	E		pvt. 16 co. 15 May 97 corp. 27 May 98 sgt. 15 Mar. 00 2 lt. 1 feb. 01 1 lt. 23 May 02 full and hon. dis. 21 Jan. 08 cap. depot bat. 10 inf. 18 July 17 cap. 10 inf. 30 Jan. 18 accepted 7 feb. 18	N. Y. 16 July 77
Jackson, Fred M. H., 7 Aug. 17	G	1 sgt. co. G, 1 inf., 2 May 98 to 29 Mar. 99	pvt. 3 sep. co. 5 feb. 89 corp. 10 Apr. 91 sgt. 22 Mar. 93 1 sgt. 22 feb. 98 1 lt. 23 feb. 00 full and hon. dis. 19 Apr. 07 r. l. 16 July 16 duty depot bat. 1 inf. 15 July 16 cap. 1 inf. 7 Aug. 17 accepted 7 Aug. 17 assigned to 10 inf. 22 Nov. 17	N. Y. 18 Dec. 80
Broadbent, Alfred, 7 Aug. 17 reserve list. . . . 3 feb. 19	K		pvt., corp. co. B, 1 inf. 14 Mar. 05 full and hon. dis. 12 Apr. 10 re-enlisted 5 Apr. 10 full and hon. dis. 12 June 11 pvt., corp., sgt. co. B, 1 inf. 22 Aug. 11 to 29 Mar. 13 2 lt. 29 Mar. 13 resigned 24 feb. 16 r. l. 25 feb. 16 cap. 1 inf. 7 Aug. 17 accepted 7 Aug. 17 assigned to 10 inf. 22 Nov. 17 1 prov. regt. 2 Aug. 17 relieved 3 Oct. 18	N. Y. 7 May 87
Coffey, John Augustine, 11 Oct. 17 reserve list. . . . 22 Sep. 19	sup. off.		pvt., corp. co. C, 1 inf. 27 May 11 to 27 Mar. 14 2 lt. 27 Mar. 14 1 lt. 6 July 14 resigned 13 Apr. 16 r. l. 22 Apr. 16 cap. 10 inf. 11 Oct. 17 accepted 11 Oct. 17	N. Y. 17 Nov. 91

TENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Paddock, Howard Parsons, 31 oct. 17	i. s. a. p.	mustered into u. s. a. ser. 30 june 16 out 16 mar. 17	pvt. tr. B, 1 cav. 11 apr. 11 1 agt. 18 mar. 14 full and hon. dis. 7 may 14 re-enlisted. 7 may 14 full and hon. dis. 10 may 16 re-enlisted. 10 may 16 full and hon. dis. 30 apr. 17 cap. 10 inf. 31 oct. 17 accepted. 7 nov. 17 N. G. R., 1 lt. 11 apr. 19	N. Y. 11 apr. 88
Rundel, Richard H., 7 nov. 17 reserve list. 14 feb. 19	H	.....	cap. 10 inf. 7 nov. 17 accepted. 8 nov. 17	.....
Burton, William H., Jr., 23 nov. 17	adjt.	.....	pvt. co. B, 10 bat. 20 june 88 corp. 26 oct. 91 sgt. 10 may 93 trans. to 110 bat. 30 may 98 sgt. maj. 15 july 98 full and hon. dis. 18 feb. 99 re-enl. co. B, 10 bat. 9 sep. 99 color bearer. 27 dec. 04 retd. to co. B for trans. 28 apr. 05 sgt. maj. 10 inf. 8 may 05 full and hon. dis. 15 jan. 15 re-enlisted. 21 jan. 15 warrant continued. bvt. 2 lt. and retired. 27 june 16 1 lt. 10 inf. 22 sep. 17 cap. 10 inf. 23 nov. 17 accepted. 24 nov. 17	N. Y. 11 june 86
Stott, John Whitney, 30 jan. 18 reserve list. 27 oct. 19	A	.....	pvt. co. A, 10 inf. 12 oct. 03 full and hon. dis. 19 mar. 09 1 lt. depot bat. 10 inf. 14 june 17 cap. 10 inf. 30 jan. 18 accepted. 1 feb. 18 2 prov. regt. 5 feb. 18 relieved. 11 june 18	N. Y. 5 may 88
Armstrong, Ray, 30 jan. 18 hon. dis. 29 dec. 19	m. g. co.	.....	cap. 10 inf. 30 jan. 18 accepted. 1 feb. 18	N. Y. 16 may 76
Snowden, George B., 30 jan. 18 reserve list. 30 dec. 19	L	.....	pvt. co. A, 10 bat. 9 apr. 06 dropped. 30 nov. 06 taken up. 27 feb. 07 hon. dis. 26 mar. 08 re-enlisted. 28 jan. 09 hon. dis. 15 apr. 10 re-enlisted. 27 june 16 hon. dis. 27 july 16 pvt. depot bat. 1 inf. 27 june 17 2 lt. 1 inf. 7 aug. 17 trans. to 10 inf. 22 nov. 17 cap. 30 jan. 18 accepted. 2 feb. 18 1 prov. regt. 7 aug. 17 relieved. 1 jan. 19	N. Y. 85
Harder, Edward Lewis, 30 jan. 18 reserve list. 9 dec. 19	F	.....	1 lt. depot bat. 10 inf. 5 july 17 cap. 10 inf. 30 jan. 18 accepted. 2 feb. 18 1 prov. regt. 7 aug. 17	N. Y. 30 jan. 81
Mayer, William G., 12 mar. 18 retired. 16 apr. 19	.....	ensign, U. S. N., 1870-1875. lt. 20 june 98 to 28 sep. 98	cap. 10 inf. 12 mar. 18 accepted. 16 mar. 18	Ohio 15 aug. 80

TENTH INFANTRY — NEW YORK GUARD — (Continued).

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Carter, Dewey J., 3 july 18	M		pvt. co. M, 1 inf. 16 aug. 16 1 lt. 1 inf. 15 sep. 17 accepted 20 sep. 17 assigned 10 inf. 22 nov. 17 cap. 3 july 18 accepted 5 july 18	N. Y. 26 jan. 80
Lonergan, Joseph V., 4 dec. 18			pvt. tr. B, 1 cav. 23 may 07 dis. 14 july 10 pvt. co. C, 10 inf. 18 mar. 18 2 lt. 8 apr. 18 cap. 4 dec. 18 accepted 5 dec. 18	N. Y. 27 feb. 87
Clark, Clayton H., 4 dec. 18 reserve list. 10 sep. 18	D	U. S. eng. reserve, 8 apr. 17	co. D, 10 inf. 22 july 17 2 lt. 21 mar. 18 1 lt. 7 oct. 18 cap. 4 dec. 18 accepted 5 dec. 18	N. Y. 25 jan. 91
Cleary, Charles B., 20 feb. 18	K		1 lt. 1 inf. 7 aug. 17 accepted 7 aug. 17 assigned to 10 inf. 22 nov. 17 cap. 20 feb. 19 accepted 24 feb. 19	N. Y. 1 feb. 80
Norris, Arthur H., 13 sep. 19	B	mustered into u. s. ser. 16 july 17 1 lt. 105 inf. 16 june 18 hon. dis. 1 apr. 19	pvt. co. B, 10 inf. 23 oct. 08 corp. 18 june 11 1 sgt. 19 apr. 12 full and hon. dis. 9 mar. 15 re-enlisted. 15 mar. 15 hon. dis. 23 oct. 15 re-enlisted. 5 june 16 1 sgt. 5 june 16 2 lt. 29 mar. 17 1 lt. 16 july 17 accepted 16 july 17 dft. 5 aug. 17 cap. 10 inf. 13 sep. 19 accepted 13 sep. 19	N. Y. 23 june 87
Walsh, David H., 29 sep. 19	sup. co.	mustered into u. s. ser. 17 july 17 2 lt. 51 pioneer inf. 16 june 18 1 lt. 16 july 18 hon. dis. 7 july 19	pvt. co. D, 10 inf. 6 feb. 17 to sup. co. 25 feb. 17 wagoner. 25 feb. 17 regtl. sup. sgt. — apr. 17 1 sgt. sup. co. 16 may 17 dft. 5 aug. 17 cap. 10 inf. 29 sep. 19 accepted 1 oct. 19	N. Y. 15 nov. 73
Miller, Ferdinand W., 30 sep. 19	H	co. B, 9 inf., Pa. N. G. — sep. 98 hon. dis. 3 sep. 03	1 lt. 10 inf. 30 jan. 18 cap. 30 sep. 19 accepted 1 oct. 19	Pa. 19 may 78
Clune, Patrick H., 29 oct. 19	D	2 lt. inf., 85 div., 15 nov. 17 1 lt. 22 aug. 18 hon. dis. 10 jan. 19	pvt. co. H, 69 inf. 30 jan. 05 corp. 13 nov. 05 to rank and trans to co. A. 4 dec. 05 dropped. 13 july 08 taken up, co. C, 10 inf. 21 june 16 hon. dis. 31 may 17 1 lt. 10 inf. 12 june 19 cap. 29 oct. 19 accepted 30 oct. 19	N. Y. 5 mar. 78

TENTH INFANTRY—NEW YORK GUARD.—(Continued).

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Concluded</i>				
O'Neill, Charles T., 28 nov. 19	I	mustered into u. s. ser. 21 july 17 to co. L, 106 inf. 5 nov. 17 1 lt. inf. 11 feb. 19 hon. dis. 2 apr. 19	pvt. co. F, 1 inf. 23 dec. 14 to 23 july 17 2 lt. 23 july 17 accepted 24 july 17 5 aug. 17 cap. 10 inf. 28 nov. 19 accepted 1 dec. 19	N. Y. 19 july 88
<i>First Lieutenants</i>				
Davis, Edward Sprague, 14 june 17 f. and h. dis. 1 mar. 19	bat. adj.		pvt. tr. B, cav. 13 feb. 03 corp. 23 oct. 06 sgt. 12 july 10 sq. sgt. maj. 1 cav. 9 may 12 full and hon. dis. 29 dec. 13 re-enlisted, 1 cav. 2 jan. 14 warrant as sq. sgt. maj. continued. hon. dis. 21 june 14 1 lt. depot bat. 10 inf. 14 june 17 1 lt. 10 inf. 30 jan. 18 accepted 5 feb. 18	N. Y. 15 dec. 72
Richards, Stuart William, 7 aug. 17 f. and h. dis. 3 may 19	bat. adj.	service on Mexican border. 30 june 16 to 15 mar. 17	pvt. tr. G, 1 cav. 21 june 12 warranted corp. and sgt. 10 oct. 15 discharged 15 oct. 15 re-enlisted, sgt. 18 june 17 discharged 7 aug. 17 1 lt. 1 inf. 7 aug. 17 accepted 22 oct. 17 tra. to 10 inf. 22 oct. 17 1 prov. regt. 21 nov. 17	N. Y. 20 may 94
Winslow, Edward W., 15 sep. 17	L		pvt. co. A 1 inf. 2 july 17 1 lt. 1 inf. 15 sep. 17 accepted 20 sep. 17 to 10 inf. 15 feb. 18	1894
McLaury, Henry Dewhurst 15 sep. 17	G		pvt. 3 sep. co. 6 dec. 95 dropped 11 sep. 97 taken up 31 dec. 97 corp. 8 mar. 98 reduced 15 mar. 99 tra. hosp. corps. 20 mar. 99 corp. 10 june 99 sgt. 14 dec. 00 full and hon. dis. 11 may 06 1 lt. 1 inf. 15 sep. 17 accepted 22 sep. 17 assigned to 10 inf. 22 nov. 17	N. Y. 3 july 76
Marvin, Hector B., 15 sep. 17	I		pvt. 33 sep. co. 4 may 92 corp. 14 june 96 sgt. 29 mar. 00 2 lt. 6 july 00 1 lt. 29 nov. 01 full and hon. dis. 28 sep. 06 1 lt. 1 inf. 15 sep. 17 accepted 1 oct. 17 assigned to 10 inf. 22 nov. 17	N. Y. 74
McKenna, Daniel M., 7 nov. 17	bat. adj.		pvt. tr. B, 1 cav. 16 mar. 06 corp. 19 feb. 10 full and hon. dis. 21 apr. 11 1 lt. 10 inf. 7 nov. 17 accepted 8 nov. 17	N. Y. 84

TENTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank, and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Continued</i>				
Levy, Bertholdt M., 30 jan. 18 reserve list.... 13 nov. 19	C	.....	depot. bat. co. A, 10 inf. 17 july 16 sgt. 17 1 sgt. 20 aug. 17 co. G. 26 nov. 17 1 lt. 30 jan. 18 accepted. 1 feb. 18 2 prov. regt. 5 feb. 18 relieved. 21 jan. 19	N. Y. 13 sep. 84
Cowen, Herman C., 10 apr. 18	E	.....	pvt. co. E. 5 nov. 17 1 lt. 10 apr. 18 accepted. 16 apr. 18	Kan. 7 sep. 72
Baker, John G., 19 apr. 18	bat. adj.	.....	pvt. co. D, 10 inf. 5 dec. 17 hon. dis. 22 apr. 18 1 lt. 10 inf. 19 apr. 18 accepted. 22 apr. 18	N. Y. 3 nov. 74
Smith, Lewis B., 24 may 18 reserve list.... 17 oct. 19	L	.....	pvt. co. L. 1 dec. 17 1 lt. 10 inf. 24 may 18 accepted. 1 june 18	Wis. 9 mar. 74
Rosenthal, Mark, 3 july 18	F	.....	23 sep. co. 14 nov. 01 corp. 6 dec. 05 sgt. 1 may 11 full and hon. dis. 2 apr. 12 2 lt. 10 inf. 30 jan. 18 1 lt. 3 july 18 accepted. 6 july 18	N. Y. 7 feb. 83
Gaylord, Norman C., 5 sep. 18	m. g. co.	.....	2 lt. 10 inf. 30 jan. 18 1 lt. 5 sep. 18 accepted. 16 sep. 18	N. Y. 2 june 77
Heisler, Charles B., 7 oct. 18	A	.....	2 lt. 10 inf. 15 june 18 1 lt. 7 oct. 18 accepted. 15 oct. 18	Cal. 23 apr. 87
Carroll, Clayton A., 12 nov. 18	M	.....	1 lt. 10 inf. 12 nov. 18 accepted. 14 nov. 18	N. Y. 23 apr. 79
Bentley, Charles W., 7 feb. 19 reserve list.... 15 sep. 19	B	sgt. co. D, 1 N. Y. vola. 2 may 98 to 20 feb. 99	pvt. co. D, 10 bat. 28 feb. 95 corp. 30 jan. 97 sgt. 29 apr. 98 full and hon. dis. 21 jan. 02 pvt. co. A, 10 bat. 25 apr. 02 hon. dis. 28 sep. 05 2 lt. 29 july 18 1 lt. 7 feb. 19	N. Y. 18 sep. 76
Hart, Peter A., 13 feb. 19	asst. i. s. a. p.	.....	pvt. co. B, 10 inf. d. b. 24 july 17 to co. B, 10 inf. 23 oct. 17 sgt. 1 dec. 17 1 lt. 10 inf. 13 feb. 19 accepted. 15 feb. 19	N. Y. 6 oct. 76
Carley, George H., 3 june 19	G pla.	.....	pvt. co. G, 10 inf. 12 apr. 18 1 lt. 10 inf. 5 june 19 accepted. 9 june 19	N. Y. 6 apr. 73

TENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Concluded</i>				
Welch, Louis A., 15 oct. 19	bat. adj.	pvt., ord. dep., — june 18 sgt., ord. . . . 7 oct. 18 ord. sgt. . . . 8 june 19 hon. dis. . . . 17 may 19	pvt. co. B, 1 inf. . . . 27 july 17 1 sgt. 23 sep. 17 to 10 inf. 22 nov. 17 2 lt. 10 inf. 27 mar. 18 accepted 1 apr. 18 hon. dis. 15 july 18 pvt. co. L, 10 inf. . . . 19 sep. 19 1 sgt. 3 oct. 19 1 lt. 10 inf. 15 oct. 19 accepted 16 oct. 19	N. Y. 28 mar. 96
Taylor, James F., 18 oct. 19	H		2 lt. 10 inf. 30 jan. 18 1 lt. 18 oct. 19 accepted 21 oct. 19	N. Y. 14 nov. 83
Mangine, William J., 3 dec. 19	D	r. o. t. c., Niagara univ. . . . 1 oct. 18 hon. dis. . . . 18 dec. 18	pvt. 3 brig. det. . . . 18 feb. 18 hon. dis. 9 jan. 19 r. l. 9 jan. 19 2 lt. 10 inf. 21 mar. 19 1 lt. 3 dec. 19 accepted 4 dec. 19	N. Y. 21 jan.
<i>Second Lieutenants</i>				
Launt, Rae Coolidge, 7 aug. 17 f. and h. dis. . . 11 jan. 19	I	pvt. co. F, 1 regt., N. Y. Vols., 1 may 98 to 25 feb. 99	mus. 33 sep. co. . . . 15 july 96 pvt. 28 mar. 98 corp. 21 mar. 00 dis. 28 oct. 01 pvt. 33 sep. co. . . . 10 oct. 02 sgt. 25 nov. 02 dis. 21 oct. 03 2 lt. 33 sep. co. . . . 27 dec. 04 cap. 4 dec. 06 full and hon. dis. . . . 30 dec. 08 2 lt. 1 inf. 7 aug. 17 accepted 12 sep. 17 assigned to 10 inf. . . . 22 nov. 17 1 prov. regt. 11 aug. 17	N. Y. 25 feb. 80
Baker, Louis Munson, 15 sep. 17	G		2 lt. 1 inf. 15 sep. 17 accepted 21 sep. 17 det. to duty with m. t. c. 14 nov. 17 assigned to 10 inf. . . . 22 nov. 17	N. Y. 5 jan. 85
Roarick, Leon LeGrand, 7 nov. 17 reserve list. . . . 28 apr. 19	H		2 lt. 10 inf. 7 nov. 17 accepted 8 nov. 17	
Durwin, Frank, 23 jan. 18 hon. dis. 4 oct. 19	E	Mass N. G. 15 jan. 09 dis. 15 jan. 12	2 lt. 10 inf. 23 jan. 18 accepted 1 feb. 18	Mass. 8 june 89
Propet, Harry, 3 july 18	F		pvt. co. F, 10 inf. . . . 20 oct. 08 corp. 9 nov. 10 sgt. 10 july 13 full and hon. dis. . . . 28 jan. 16 pvt. co. F. 26 july 17 sgt. 9 oct. 17 1 sgt. 2 mar. 18 2 lt. 10 inf. 3 july 18 accepted 6 july 18	N. Y. 28 oct. 89

TENTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Remarks
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Continued</i>				
Dowling, William F., 15 oct. 18 hon. dis. 30 sep. 19	K	.....	pvt. co. B, 1 inf. 18 nov. 04 dropped. 19 oct. 06 pvt. co. B, 1 inf. re-dea. co. L. 22 nov. 17 corp. 23 nov. 17 sup. sgt. 2 lt. 10 inf. 15 oct. 18 accepted. 23 oct. 18	N. Y. 18 dec. 77
Mets, Claude L., 15 oct. 18 reserve list. . . . 30 dec. 19	A	.....	2 lt. 10 inf. 15 oct. 18 accepted. 23 oct. 18	Pa. 25 nov. 93
Thatcher, Edwin T., 17 jan. 19	C	.....	pvt. co. C, 10 inf. 3 dec. 17 2 lt. 10 inf. 17 jan. 19 accepted. 22 jan. 19	N. Y. 29 apr. 96
Anderson, Alfred F., 14 feb. 19	sup. co.	.....	pvt. co. B, 10 inf. 1 july 15 to sup. co. 4 july 16 mess sgt. 4 july 16 hon. dis. 14 july 17 pvt. co. B, 10 inf. 1 oct. 17 regt. sup. sgt. 17 dec. 17 2 lt. 10 inf. 14 feb. 19 accepted. 14 feb. 19	N. Y. 26 june 71
Burrhus, James C., 24 may 19	I	pvt. sig. e. c., 7 jan. 18 camp Dick, aug. 9 to sep. 13; flying at Taylor field, sep. 18 hon. dis. 29 nov. 18	pvt. co. I, 10 inf. 6 jan. 19 2 lt. 10 inf. 24 may 19 accepted. 29 may 19	N. Y. 24 july 93
Hazard, Frederick G., 10 oct. 19	K	Madison barracks, may to aug., 17 l. a. t. c., oct. 1 to nov. nov. 30, 18.	2 lt. 10 inf. 10 oct. 19 accepted. 11 oct. 19	N. Y. 5 sep. 95
Cookinham, Daniel G., 10 dec. 19	L	.....	pvt. co. L, 10 inf. 27 nov. 17 1 sgt. 27 feb. 19 2 lt. 10 inf. 10 oct. 19 accepted. 11 oct. 19	N. Y. 20 jan. 90
Adams, Roscoe C., 10 oct. 19	band leader	.....	pvt. band, 2 inf. 20 july 08 sgt. 20 july 06 full and hon. dis. 5 dec. 13 re-enlisted and warrant con. hon. dis. 15 july 15 pvt. hqr. co. 10 inf. 6 jan. 19 band leader. 6 jan. 19 2 lt. 10 inf. 10 oct. 19 accepted. 14 oct. 19	N. Y. 16 apr. 81
Heath, William, 27 oct. 19	E	mustered into u. s. ser. 15 july 18 resigned. 13 feb. 19	pvt. co. E. 22 mar. 06 hon. dis. 11 jan. 11 pvt. co. E. 27 june 11 corp. 27 nov. 12 sgt. 12 may 13 2 lt. 28 may 15 accepted. 29 may 15 dft. 5 aug. 17 r. l. 26 oct. 18 2 lt. 10 inf. 27 oct. 19 accepted. 28 oct. 19	N. Y. 13 dec. 84
Murphy, Harold, 13 nov. 19	M	.....	pvt. co. M, 1 inf. 31 aug. 14 full and hon. dis. 19 july 17 pvt. co. M, 10 inf. 31 aug. 17 sgt. 27 sep. 19 2 lt. 10 inf. 13 nov. 19 accepted. 17 nov. 19	N. Y. 6 oct. 96

TENTH INFANTRY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- tinued</i>				
Gurley, Clarence E., 9 dec. 19	m. g. co.	mustered into u. s. a. ser. 27 july 17 m. g. co., 107 inf., 11 oct. 17 hon. dis. . . 2 apr. 19	pvt. m. g. co., 1 inf. . 11 june 17 dft. 5 aug. 17 2 lt. 10 inf. 9 dec. 19 accepted. 13 dec. 19	N. Y. 23 mar. 94
Sharp, Robert J., 23 dec. 19	D	tr. A, 12 cav., aug. 1911 to june, 1914. pvt. co. C, 105 inf., 26 july 17 hon. dis. . . 10 apr. 18	pvt. co. D, 10 inf. 16 may 18 1 agt. 2 june 19 2 lt. 10 inf. 23 dec. 19 accepted. 30 dec. 19	N. Y. 20 apr. 94

TWELFTH INFANTRY, N. Y. G.

Armory, 120 West 62d Street, New York City

Organized as a Depot Battalion and mustered into the State service, July 20, 1917. Under authority S. O. 288, A. G. O., November 13, 1917, this battalion was formed into a regiment, and mustered into the New York Guard as follows: Headquarters Company, December 17, 1917; Supply Company, December 18, 1917; Companies A and B, November 16, 1917; Company C, December 10, 1917; Company D, November 27, 1917; Company G, November 27, 1917; Company H, December 21, 1917; Company M, December 17, 1917; Company E, January 14, 1918; Company F, January 15, 1918; Company I, January 16, 1918; Company K, January 16, 1918; Machine Gun Company, May 22, 1918; Company L, June 13, 1918.

Company L, Cedarhurst, mustered in October 14, 1917, transferred to 23d Infantry, G. O. 164, A. G. O., December 22, 1917.

Company I, Islip, mustered in October 14, 1917, became Company I, 14th Infantry, November 14, 1917, transferred to 6th Battalion December 22, 1917.

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Burr, Nelson Beardsley, 14 nov. 18	1 lt. 12 rgt., N. Y. Vols. 2 may 98 to 28 oct. 98	2 lt. 12 inf. 23 apr. 97 1 lt. 12 July 99 cap. 26 July 99 maj. 12 inf. 26 sep. 05 lt. col. 7 June 12 retired. 22 July 12 r. l. 12 June 15 maj. 12 inf. 11 dec. 17 col. 14 nov. 18 accepted. 15 nov. 18	N. Y. 1 feb. 71
<i>Lieutenant Colonels</i>				
Downs, William Edward, 6 apr. 17	1 lt. 12 N. Y. inf., 2 may 98 cap. 20 oct. 98 to 17 nov. 98 mustered into u. s. a. ser. 26 June 16 out 10 mar. 17 into 22 July 17 lt. col. 52 pioneer inf., hon. dis. . 8 July 19	pvt., corp., Sgt., co. E, Sgt. maj. 12 inf. 29 apr. 89 to 26 feb. 96 2 lt. 26 feb. 96 1 lt. 18 dec. 96 1 lt. asst. i. s. a. p. 12 inf., with o. r. 1 nov. 99 cap. i. s. a. p. 10 oct. 00 cap. 12 inf., with o. r. 17 May 02 resigned. 23 mar. 04 cap. 12 inf. 3 June 08 maj. 11 oct. 12 lt. col. 6 apr. 17 accepted. 9 apr. 17 dft. 5 aug. 17 r. l. 14 July 19 lt. col. 12 inf. 2 oct. 19 accepted. 6 oct. 19	N. J. 20 sep. 67
Strong, Edwin Allen, 14 nov. 18 f. and h. dis. . . 24 sep. 19		pvt., h. e., sq. A. 6 Jan. 02 to 7 June 04 2 lt. 12 inf. 7 June 04 1 lt. 29 nov. 04 cap. i. s. a. p. 9 Jan. 06 supn., reassigned. 21 Jan. 08 cap. o. d. 16 mar. 08 resigned. 11 July 10 maj. e. of e. 18 mar. 12 resigned. 3 nov. 16 maj. 12 inf. 23 nov. 17 lt. col. 19 nov. 18 accepted. 19 nov. 18	Conn. 8 dec. 77
<i>Majors</i>				
Connolly, James Nicholas, 21 aug. 17	served by authority of the Secretary of War as volunteer chaplain without rank or pay, on the U. S. A. hospital ship Relief, from 30 June 98 to sep. 98.	chaplain, 12 inf. 13 sep. 01 chaplain, major. 2 apr. 17 resigned. 23 July 17 r. l. 20 Aug. 17 chaplain, 12 inf. 5 sep. 17 accepted. 15 sep. 17	N. Y. 15 Jan. 64

TWELFTH INFANTRY, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors—Concluded</i>				
Buek, Thomas Charles, 17 dec. 17 f. and h. dis. 16 apr. 19	.....	cap. 12 regt., inf., N. Y. vols. 2 may 98 to 20 apr. 99	pvt. co. F, 12 inf. 7 july 94 corp. 17 may 95 2 lt. 1 july 96 1 lt. 14 jan. 98 cap. 21 apr. 98 maj. 22 jan. 00 resigned 5 aug. 05 maj. 12 inf. 17 dec. 17 accepted 19 dec. 17	N. Y. 30 jan. 74
Morgan, William Forbes, 14 nov. 18	.....		pvt. tr. 3, sq. A. 6 feb. 00 dropped 21 oct. 01 2 lt. 12 inf. 6 dec. 02 1 lt. 29 dec. 03 cap. 14 june 06 resigned 20 feb. 08 cap. 12 inf. 18 oct. 17 maj. 14 nov. 18 accepted 19 nov. 18	N. Y. 23 sep. 79
Ottman, William, 14 nov. 18	.....		1 lt. depot bat. 12 inf. 21 june 17 cap. depot bat. 12 inf. 17 july 17 cap. 12 inf. 5 sep. 17 maj. 14 nov. 18 accepted 18 nov. 18	N. Y. 27 oct. 77
Sniffen, Elisha, 31 july 19 reserve list. 4 aug. 19	.....		pvt. co. B, 7 inf. 4 jan. 94 1 lt. 12 inf. 3 nov. 96 full and hon. dis. 23 jan. 01 r. l. 1 lt. 23 may 16 duty with depot bat. 12 inf. 7 july 16 1 lt. 12 inf. 5 sep. 17 maj. 31 july 19 accepted 1 aug. 19	N. Y. 21 jan. 66
<i>Captains</i>				
Pell, Howland, 7 july 16 reserve list. 17 jan. 19	A	.....	pvt. co. I, 7 inf. 7 june 75 hon. dis. 7 sep. 81 2 lt. 12 inf. 8 feb. 84 1 lt. 12 inf. 8 june 84 cap. 25 aug. 85 resigned 9 feb. 91 pvt. co. K, 7 inf. 18 nov. 91 full and hon. dis. 20 oct. 96 r. l., cap. 28 may 16 duty with depot bat., 12 inf. 7 july 16 cap. 12 inf. 5 sep. 17 accepted 15 sep. 17 1 prov. regt. 7 aug. 17 relieved 26 mar. 19	L. I. 19 mar. 56
Jallade, Louis Eugene, 17 aug. 17	C	.....	2 lt. 12 d. b. inf. 5 dec. 16 1 lt. 12 inf. 14 june 17 cap. 12 inf. 17 aug. 17 accepted 23 aug. 17	Can. 16 feb. 78
Saunders, Robert, 18 oct. 17	sup. co.	mustered into u. s. ser. 28 june 16 resigned 27 oct. 16	pvt., corp., sgt., 1 sgt., co. G, 12 inf. 25 aug. 93 to 16 mar. 06 2 lt. 12 inf. 16 mar. 06 1 lt. 3 dec. 08 cap. 21 dec. 09 resigned 27 oct. 16 cap. 12 inf. 18 oct. 17 accepted 22 oct. 17	N. Y. 28 aug. 71

TWELFTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Owen, Walter G., 7 nov. 17	i. s. a. p.	.....	pvt. co. I, 12 inf. 9 apr. 84 discharged, physical disability 2 dec. 86 cap. 12 inf. 27 mar. 89 retired 15 oct. 90 r. l. 22 july 16 cap. 12 inf. 7 nov. 17 accepted 10 nov. 17	N. Y. 15 mar. 66
Kip, Henry Spies, 23 nov. 17 f. and h. dis. ... 14 jan. 19	H	1 bat. and bat. adjt. 9 regt. N. Y. vols. 24 may 98 to 15 nov. 98	pvt. tr. 3, sq. A. 1 nov. 97 dropped 1 feb. 99 taken up 1 aug. 99 corp. 20 may 01 dropped 6 jan. 02 2 lt. co. A, 12 inf. 20 dec. 04 1 lt. co. H. 2 dec. 06 resigned 2 apr. 08 cap. 12 inf. 7 nov. 17 accepted 12 nov. 17	N. Y. 29 june 74
Magley, George William, 19 dec. 17	M	.....	cap. 12 inf. 19 dec. 17 accepted 27 dec. 17	Ohio 26 jan. 79
Dean, John J., 10 may 18	L	pvt. co. H, 22 regt. N. Y. vols. 9 may 98 to 23 nov. 98 mustered into u. s. 1 ser. 28 june 16 out 10 mar. 17 into 22 july 17 dis. 4 jan. 18	pvt. co. H. 10 jan. 95 corp. 28 aug. 97 agt. 30 oct. 00 1 agt. 8 feb. 04 hon. dis. 14 feb. 05 pvt. co. C, 12 regt. 1 mar. 05 trans co. L, 12 regt. 1 mar. 07 1 agt. 13 may 07 2 lt. 12 inf. 3 dec. 08 1 lt. 27 nov. 09 cap. 10 dec. 13 accepted 11 de. 13 dft. 5 aug. 17 cap. 12 inf. 10 may 18 accepted 13 may 18	N. Y. 6 sep. 75
Knapp, John M., 20 may 18 reserve list. ... 13 jan. 19	F	.....	pvt. tr. A. 15 may 89 dis. 15 nov. 95 1 lt. 112 inf. 6 june 98 supn. 10 jan. 99 duty with 4 bat. 12 regt. 30 june 99 1 lt. 12 inf. 26 july 99 1 lt. bat. adjt. 1 june 00 resigned 2 jan. 06 r. l. 8 may 17 1 lt. 12 inf. 11 oct. 17 cap. 20 may 18 accepted 22 may 18	N. Y. 13 feb. 68
Ussiker, Irving Joseph, 25 nov. 18 reserve list. ... 22 sep. 19	B	.....	pvt. co. A, 12 inf. 28 aug. 02 corp., agt., 1 agt., full and hon. dis. 21 aug. 13 pvt. depot bat., 1 agt., 2 lt. 24 nov. 16 2 lt. 12 inf. 15 sep. 17 1 lt. 20 feb. 18 cap. 25 nov. 18 accepted 28 nov. 18 1 prov. regt. 7 aug. 17 relieved 26 jan. 19	N. Y. 26 nov. 80
Male, Francis S., 13 dec. 18	m. g. co.	.....	pvt. co. B. 30 nov. 17 1 lt. 16 apr. 18 cap. 12 inf. 13 dec. 18 accepted 16 dec. 18	N. Y. 16 apr. 76

TWELFTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Bruce, Charles A., 17 dec. 18	C	.....	pvt. 2 batty..... — apr. 98 dropped..... — 99 1 lt. 4 inf..... 11 dec. 17 accepted..... 14 dec. 17 tr. 12 inf..... 2 nov. 18 cap..... 17 dec. 18 accepted..... 19 dec. 18	N. Y.. 29 jan. 78
Ehret, Louis J., 30 dec. 18	D	.....	2 lt. 12 inf..... 16 apr. 18 1 lt..... 6 nov. 18 cap..... 30 dec. 18 accepted..... 31 dec. 18	N. Y.
Dewing, Hiram E., 15 jan. 19 hon. dis. 9 dec. 19	G	pvt. batty. A, light art. Penn. N. G., may and June, 98. mustered into u. s. ser..... 16 June 98 out 19 Nov. 98	2 lt. 12 inf..... 28 Feb. 18 1 lt..... 6 nov. 18 cap..... 15 Jan. 19 accepted..... 18 Jan. 19	N. Y.. 26 Nov. 80
Wendel, Frederick D., 27 Jan. 19	E	cap..... 27 Nov. 17 hon. dis. 20 Dec. 18	pvt. co. H, 22 inf..... 13 Nov. 95 corp..... 13 Nov. 99 sgt..... 1 Nov. 02 hon. dis. 20 May 07 pvt. co. K, 22 eng..... 20 May 07 1 cl. pvt..... 24 Oct. 10 ser..... 31 Oct. 10 2 lt. c. of e..... 7 Dec. 11 1 lt..... 12 Jan. 14 accepted..... 19 Jan. 14 r. l..... 23 Dec. 14 1 lt. c. of e..... 22 Jan. 15 accepted..... 25 Jan. 15 r. l..... 7 Jan. 16 full and hon. dis..... 5 Dec. 17 cap. 12 inf..... 27 Jan. 19 accepted..... 29 Jan. 19	Den- mark 24 Oct. 76
Norton, Huntington, 27 Jan. 19 hon. dis. 30 Apr. 19	H	.....	1 lt. 12 inf..... 16 Jan. 18 cap..... 27 Jan. 19 accepted..... 29 Jan. 19	Conn. 12 July 78
Tappin, Lindsey, 28 Jan. 19	K	.....	pvt. 12 inf..... 14 Oct. 17 trans. 23 inf..... 4 Jan. 18 2 lt. 12 inf..... 28 Feb. 18 1 lt..... 1 Nov. 18 cap..... 28 Jan. 19 accepted..... 29 Jan. 19	N. Y.. 19 Sep. 77
Field, Edward P., 3 Feb. 19	F	1 lt. inf.... 6 Nov. 18	pvt. tr. B, sq. A. cav. 26 Oct. 17 hon. dis..... 13 Nov. 17 2 lt. 12 inf..... 7 Nov. 17 1 lt..... 29 Jan. 18 cap..... 9 July 18 accepted..... 13 June 18 hon. dis..... 6 Nov. 18 cap. 12 inf..... 3 Feb. 19 accepted..... 5 Feb. 19	N. Y.. 24 May 80
Aufferth, Charles J., 11 Feb. 19	I	mustered into u. s. ser..... 26 June 16 out 11 Nov. 16	pvt. 7 inf..... 26 Dec. 11 corp..... 1 July 13 sgt..... 25 June 16 dis. from N. G. res. 14 Feb. 17 2 lt. 12 inf..... 8 Nov. 17 1 lt..... 25 Apr. 18 cap..... 11 Feb. 19 accepted..... 12 Feb. 19	Ken. 27 Nov. 73

TWELFTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Murphy, Edward J., 7 mar. 19	A	Naval militia, m. v. m., 14 may, 99-03. dis. as coxswain, full and hon. dis. mustered into u. s. ser. 28 June 16 out 10 mar. 17	pvt band, 12 inf. 6 jan. 13 corp. 10 mar. 13 sgt. 8 nov. 13 drum major. 2 nov. 14 full and hon. dis. 5 jan. 16 re-enlisted. 6 jan. 16 warrant continued. full and hon. dis. 19 June 17 2 lt. depot bat. 12 inf. 10 July 17 2 lt. 12 inf. 5 sep. 17 1 lt. 14 mar. 18 cap. 7 mar. 19 accepted. 10 mar. 19	Mass. 25 oct. 78
Shrady, Charles D., 18 oct. 19	.....	.....	pvt. tr. A, sq. A. 21 oct. 17 corp. and sgt. trans. tr. C. 18 apr. 18 to co. H, 12 inf. 11 nov. 18 2 lt. 12 inf. 21 nov. 18 1 lt. 26 feb. 19 cap. 18 oct. 19 accepted. 27 oct. 19	N. Y. 14 feb. 73
First Lieutenants				
Rowe, Mark D., 10 may 18 reserve list. 28 mar. 19	F	3 N. G. Penn., co. M., 1 regt. Penn. res., co. H, 1917.	1 lt. 12 inf. 10 may 18 accepted. 11 may 18	Pa. 6 sep. 89
Pouch, Arnold C., 10 may 18 hon. dis. 15 sep. 19	L	.....	1 lt. 12 inf. 10 may 18 accepted. 13 may 18	N. Y. 29 aug. 91
Robbins, Harry P., 20 may 18 f. and h. dis. ... 3 mar 19	E	.....	pvt. tr. A, sqd. A. 16 dec. 90 full and hon. dis. 10 June 96 1 lt. 12 inf. 20 may 18 accepted. 22 may 18	N. Y. 10 may 72
Huebchar, August, 9 oct. 18	band leader	.....	pvt., band, 9 inf. 25 oct. 07 corp. 1 June 08 princ. musc. 20 nov. 11 full and hon. dis. 13 jan. 13 pvt., band, 12 inf. 17 feb. 13 princ. musc. 7 may 13 chief musc. 7 dec. 14 full and hon. dis. 16 feb. 15 re-enlisted and warrant con. hon. dis. 16 July 17 band leader, 12 inf. 20 July 17 1 lt. 12 inf. 9 oct. 18 accepted. 18 oct 18	N. Y. 12 apr. 86
Cammann, Phillip G., 24 oct. 18	H	2 lt. inf. 27 nov. 17 102 m. g. bat. 1 lt. 24 oct. 18 hon. dis. ... 7 aug. 19	1 lt. 12 inf. 14 nov. 19 accepted. 15 nov. 19	N. Y. 12 may 96
Barker Stephen, 5 nov. 18	F	1 lt. inf. 5 nov. 18 hon. dis. ... 20 mar. 19	pvt. tr. 4, sq. A. 27 nov. 07 dropped. 29 apr. 09 pvt. tr. B, sq. A, cav. aug. 17 2 lt. 12 inf. 11 dec. 17 1 lt. 20 feb. 18 cap. 2 oct. 18 accepted. 16 oct. 18 hon. dis. 20 nov. 18 1 lt. 12 inf. 19 June 19 accepted. 20 June 19	N. Y. 9 feb. 80

TWELFTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Hialop, William J., 19 nov. 18	D	.....	pvt. co. D, 13 regt. 7 apr. 03 corp. 25 July 05 sgt. 4 June 07 full and hon. dis. 30 nov. 09 2 lt. 12 inf. 3 July 18 1 lt. 19 nov. 18 accepted. 2 dec. 18	N. Y. 7 Jan. 84
Cass, Chauncey S., 25 nov. 18 reserve list. 18 apr. 19	B	.....	pvt. co. A, 12 inf. 13 June 17 corp. 4 sep. 17 sup. sgt. 8 oct. 17 1 sgt. 7 Jan. 18 2 lt. 12 inf. 14 aug. 18 1 lt. 25 nov. 18 accepted. 28 nov. 18 1 prov. regt. 12 aug. 18 relieved. 22 Jan. 19	N. Y. 12 dec. 95
Burghard, Frederick J., 10 dec. 18 reserve list. 3 may 19	bat. adj.	u. s. a. n. r. f. 17 may 17 m. m. 1 o. hon. dis. ... 4 sep. 17	2 lt. 12 inf. 20 nov. 18 1 lt. 10 dec. 18 accepted. 16 dec. 18	N. Y. 18 June 96
Malcolm, Ernest E., 24 dec. 18	C	.....	1 lt. inf. 24 dec. 18 accepted. 24 dec. 18 aide to gov. 1 Jan. 19 to 12 inf. 8 mar. 19	Mass. 7 June 68
Wells, John, 1 mar. 19	K	mustered into u. s. ser. 20 July 17 1 lt. hdq. 5 army ops. 8 July 18 hon. dis. ... 12 apr. 19	pvt. co. K, 7 inf. 19 nov. 15 2 lt. 12 inf. 2 may 17 accepted. 3 may 17 dft. 5 aug. 17 1 lt. 12 inf. 20 may 19 accepted. 29 may 19	N. Y. 10 may 59
Richardson, Frank T., 19 mar. 19	E	.....	1 lt. 12 inf. 19 mar. 19 accepted. 24 mar. 19	N. Y. 16 dec. 77
Jacobs, Charles E., 18 oct. 19	bat. adj.	.....	pvt. co. D, 12 inf. 11 July 17 corp. 17 dec. 17 sgt. 1 oct. 18 2 lt. 12 inf. 19 mar. 19 1 lt. 18 oct. 19 accepted. 21 oct. 19	N. Y. 16 dec. 81
Keyser, Ernest W., 24 oct. 19	G	.....	pvt. co. G, 12 inf. 10 aug. 17 2 lt. 12 inf. 16 aug. 18 1 lt. 24 oct. 19 accepted. 27 oct. 19	Md. 10 dec. 76
Bowers, William C., 2d 16 dec. 19	A	pvt., u. s. a., 20 may 17 hon. dis. ... 3 dec. 18 2 lt. inf. 3 dec. 18 hon. dis. ... 2 dec. 19	1 lt. 12 inf. 16 dec. 19 accepted. 17 dec. 19	N. Y. 5 July 87
Fiedler, Robert H., 18 dec. 19	I	mustered into u. s. ser. 26 June 16 out 2 dec. 16 into 25 July 17 corp., sgt., co. K, 107 inf. hon. dis. ... 2 apr. 19	pvt. co. K, 7 inf. 9 June 16 dft. 5 Aug. 17 2 lt. 12 inf. 7 aug. 19 1 lt. 18 dec. 19 accepted. 22 dec. 19	N. Y. 15 mar. 98

TWELFTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants</i>				
Martin, Isaac Sidney, 5 dec. 16 reserve list. . . . 22 dec. 19	sup. co.		pvt. co. D, 32 inf. . . . 3 may 89 dis. by disbandment. . . 20 may 92 pvt. co. D, 12 inf. . . . 20 mar. 93 corp. . . . 12 feb. 94 sgt. . . . 11 mar. 95 regtl. qm. sgt. . . . 1 june 08 bvt. 2 lt. . . . 26 apr. 15 2 lt. depot bat. 12 inf. 5 dec. 16 2 lt. 12 inf. . . . 5 sep. 17 accepted. . . . 15 sep. 17	N. Y. 5 nov. 57
Lockman, Frederic Irving, 11 oct. 17 hon. dis. . . . 19 feb. 19	E		2 lt. 12 inf. . . . 11 oct. 17 accepted. . . . 15 oct. 17	N. Y. 2 oct. 78
Lynch, Edmund A., 14 mar. 18 hon. dis. . . . 14 jan. 19			2 lt. 12 inf. . . . 14 mar. 18 accepted. . . . 18 mar. 18	Ireland 28 sep. 70
Metcalf, Orlando P., 3 june 18 hon. dis. . . . 16 apr. 19	L		pvt. 2 co. 9 c. a. c. . . . 8 oct. 17 2 lt. 12 inf. . . . 3 june 18 accepted. . . . 4 june 18	Pa. 27 apr. 77
Madison, Charles, 10 dec. 18 hon. dis. . . . 18 apr. 19	K		pvt. hdq. co. 1 bat. . . . 1 oct. 17 sgt. . . . 4 nov. 17 2 lt. . . . 10 dec. 18 accepted. . . . 20 dec. 18	N. Y. 4 july 97
Gillespie, Gardner F., 20 jan. 19 reserve list. . . . 29 oct. 19	F	Camp Dix, Texas, 20 july 18 Taylor field, Ala., 8 sep. 18 flying cadet, hon. dis., 18 nov. 18	2 lt. 12 inf. . . . 20 jan. 19 accepted. . . . 3 feb. 19	Texas 29 mar. 90
Eisfelder, Henry W., 11 feb. 19	m. g. co.	sgt. maj., s. a. t. c., Col. univ., 1 oct. to 9 dec., 19.	pvt. m. g. co. 12 inf. . . 15 apr. 18 1 sgt. . . . 15 apr. 18 hon. dis. . . . 1 oct. 18 2 lt. 12 inf. . . . 11 feb. 19 accepted. . . . 17 feb. 19	N. Y. 25 mar. 98
Murray, Herman S., 17 feb. 19 hon. dis. . . . 21 nov. 19	K		pvt. tr. B, sq. A. . . . 12 sep. 18 to tr. D . . . 18 jan. 19 2 lt. 12 inf. . . . 12 feb. 19 accepted. . . . 27 mar. 19	N. J. 3 aug. 88
Linn, Arthur C., 17 oct. 19	D		pvt. d. b. 12 inf. . . . 11 july 17 hon. dis. . . . 27 nov. 17 pvt. co. D, 12 inf. . . . 27 nov. 17 corp. . . . 13 may 18 sgt. . . . 24 dec. 18 2 lt. 12 inf. . . . 17 oct. 19 accepted. . . . 20 oct. 19	N. Y. 3 aug. 92
Clark, William L., 23 oct. 19	B	Am. amb. cpe., mar. to oct., 1919. pvt., corp., sgt., mar. cpe., july, 1917. hon. dis. . . 13 aug. 19	pvt. co. K, 7 inf. . . . 9 feb. 17 hon. dis. . . . 19 july 17 2 lt. 12 inf. . . . 23 oct. 19 accepted. . . . 27 oct. 19	N. Y. 16 july 87

TWELFTH INFANTRY — NEW YORK GUARD — (*Concluded*)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Con- cluded</i>				
Matthews, William F., 19 nov. 19	L	.....	pvt. co. I, 12 inf. 10 aug. 03 full and hon. dis. 10 oct. 08 pvt. co. L, 12 inf. 13 may 18 sup. sgt. 13 may 18 2 lt. 12 inf. 19 nov. 19 accepted. 20 nov. 19	N. Y. 23 oct. 85
Williams, Daniel S., 23 dec. 19	F	mustered into u. s. ser. 19 june 16 out 22 mar. 17	pvt. co. M, 12 inf. 23 mar. 14 to n. g. r. 22 mar. 17 pvt. co. F, 12 inf. 29 aug. 18 sgt. 26 sep. 18 2 lt. 12 inf. 23 dec. 19 accepted. 26 dec. 19	.....

FOURTEENTH INFANTRY, N. Y. G.

(Second Brigade)

Armory, 8th Avenue and 15th Street, Brooklyn

Organized as a Depot Unit, and mustered into the New York Guard as follows:

Machine Gun Company, Hempstead, organized as a Home Defense Unit and mustered into State service July 24, 1917, attached to 10th Infantry. Mustered into the New York Guard July 25, 1917, and transferred to the 14th Infantry, S. O. 58, A. G. O., November 22, 1917.

Company I, Flushing, mustered into State service as Company I, 10th Infantry, August 21, 1917. Mustered into the New York Guard September 25, 1917, and transferred to 14th Infantry, G. O. 58, A. G. O., November 22, 1917.

Company K, Inwood, mustered into the New York Guard October 25, 1917, as Company E, 23d Infantry, transferred to 14th Infantry, G. O. 64, A. G. O., December 22, 1917, and designated Company K.

Company I, 12th Infantry, Islip, became Company M, 14th Infantry, November 14, 1917, transferred to 6th Battalion December 22, 1917.

Other companies mustered into the New York Guard on dates as follows: Company A, November 26, 1917; Company B, November 21, 1917; Company C, October 31, 1917; Company D, November 14, 1917; Company E, November 12, 1917; Company F, November 16, 1917; Company G, November 16, 1917; Company H, March 29, 1918; Company M, March 29, 1918; Company L, April 17, 1918.

Company L, 23d Infantry, attached December 22, 1917; Company K, Inwood, transferred to Brooklyn, October 23, 1919.

June 18, 1918, Machine Gun Company redesignated Company M, and Company M, Machine Gun Company.

The regiment has authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Advance into Virginia, May 24, 1861; Bull Run, Va., July 21, 1861; Ball's Cross Roads, Va., August 27, 1861; Upton's Hill, Va., October 5, 1861; Binn's Hill, Va., November 18, 1861; Falmouth, Va., April 17-18, 1862; Carmel Church, Va., July 23, 1862; Massaponax, Va., August 8, 1862; General Pope's campaign, Va., August 16-September 3, 1862; Rappahannock River, Va., August 21, 1862; Rappahannock Station, Va., August 23, 1862; Sulphur Springs, Va., August 26, 1862; Gainesville, Va., August 28, 1862; Groveton, Va., August 29, 1862; Second Bull Run, Va., August 30, 1862; South Mountain, Md., September 14, 1862; Keedysville, Md., September 15-16, 1862; Antietam, Md., September 17, 1862; Fredericksburg, Va., December 13-15, 1862; Port Royal, Va., April 22-23, 1863; Fitzhugh's Crossing, Va., April 29-May 2, 1863; Chancellorsville, Va., May 3, 1863; Gettysburg, Pa., July 1-3, 1863; Mine Run, Va., November 28-30, 1863; Wilderness, Va., May 5-7, 1864; Spottsylvania, Va., May 8-21, 1864; Piney Branch Church, Va., May 8, 1864; Laurel Hill, Va., May 10, 1864; Spanish-American War, 1898; World War, 1919.

On the State Color.—Fire Island, September, 1892; Brooklyn, January, 1895.

FOURTEENTH INFANTRY — NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Baldwin, Frederick W., 22 nov. 17			pvt. co. G, 23 inf. 29 oct. 86 hon. dis. 25 jan. 92 pvt. co. D, 14 inf. 7 may 00 to 24 may 01 2 lt. co. D, 14 inf. 24 may 01 cap. 4 june 03 maj. 14 inf. 29 nov. 05 resigned. 14 nov. 16 r. l., maj. 11 may 17 duty with depot bat., 14 inf. 16 june 17 col. 14 inf. 22 nov. 17 accepted. 28 nov. 17	N. Y. 4 may 67
<i>Lieutenant Colonel</i>				
Mets, Herman August, 4 dec. 17			1 lt. bat. qm. 14 inf. 3 may 05 cap. com. sub. 20 dec. 06 r. l. 21 may 15 lt. col. 14 inf. 4 dec. 17 accepted. 7 dec. 17	N. Y. 19 oct. 67

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name grade date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors</i>				
Wonderly, Elbert Eugene, 4 dec. 17	.....	mustered into u. s. ser..... 1 aug. 16 out 11 oct. 16	pvt., corp., agt., qm. agt., 1 agt., co. A, 1 inf., N. G. N. J. 21 feb. 02 to 28 june 06 2 lt. 28 june 06 resigned. 28 dec. 06 2 lt. 14 inf. N. G. N. Y. 24 apr. 08 1 lt. 24 mar. 10 cap. 23 dec. 10 resigned. 27 mar. 17 cap. depot bat. 14 inf. 18 july 17 cap. 14 inf. 5 sep. 17 maj. 4 dec. 17 accepted. 6 dec. 17 n. g. r. 12 mar. 19	N. J. 23 apr. 73
Zahn, Lewis John, 4 dec. 17	.....	.....	pvt. co. D, 14 inf. 1 may 05 corp. 21 may 06 2 lt. co. D, 14 inf. 25 oct. 06 1 lt. 16 may 07 cap. 14 inf. 23 dec. 10 resigned. 20 feb. 11 cap., r. l. 7 may 17 duty with depot bat. 14 inf. 18 july 17 cap. 14 inf. 18 july 17 maj. 14 inf. 4 dec. 17 accepted. 7 dec. 17	N. Y. 16 aug. 82
Norman, George Sloan, 4 dec. 18	sup. officer	mustered into u. s. ser..... 1 aug. 16 out 11 oct. 17	pvt. tr. E, 1 cav. 9 nov. 14 2 lt. 14 inf. 1 june 16 resigned. 14 nov. 16 2 lt., r. l. 17 may 17 duty with d. b., 14 inf., 18 july 17 2 lt. 14 inf. 18 july 17 cap. 14 inf. 4 dec. 17 accepted. 6 dec. 17 maj. 4 dec. 18 accepted. 6 dec. 18 n. g. r. 4 apr. 19	Pa. 14 dec. 85
<i>Captains</i>				
Byron, John Joseph, 28 jan. 15	H	mustered into u. s. ser..... 1 aug. 16 out 11 oct. 16 into 20 july 17 53 pioneer inf., a. g. dept., hon. dis., 23 sep. 19	pvt., corp., agt., co. H, 14 inf. 19 may 04 to 2 dec. 10 2 lt. 14 inf. 2 dec. 10 1 lt. 6 feb. 13 cap. 28 jan. 15 accepted. 1 feb. 15 dft. 5 aug. 17 r. l. 10 oct. 19 cap. 14 inf. 14 nov. 19 accepted. 24 nov. 19	N. Y. 12 may 83
Hetsel, Foster Greer, 12 mar. 15	F	mustered into u. s. ser..... 1 aug. 16 out 11 oct. 16 into 20 july 17 cap. 106 inf.; hon. dis. 22 may 19	pvt., corp., agt., 7 co. c. a. c. 9 apr. 07 to 11 feb. 11 2 lt. 14 inf. 11 feb. 11 1 lt. 23 jan. 13 cap. 12 mar. 15 accepted. 15 mar. 15 dft. 5 aug. 17 r. l. 9 june 19 cap. 14 inf. 11 oct. 19 accepted. 20 oct. 19	N. J. 4 aug. 89

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Blume, John Herman, 14 june 17	E		Pvt. co. B, 47 inf. 10 dec. 00 corp. 9 feb. 03 agt. 3 apr. 05 1 agt. 24 apr. 05 1 lt. 47 inf. 24 apr. 08 with rank from. 16 apr. 08 cap. 23 dec. 10 resigned. 25 jan. 12 cap. 47 inf., d. b. 14 june 17 cap. 47 inf., with o. r. 7 sep. 17 r. l. 19 oct. 17 cap. 14 inf., with o. r. 30 oct. 17 accepted. 2 nov. 17 1 prov. regt. 27 oct. 17 relieved. 5 july 18	N. Y. 2 dec. 79
Appleton, Edwin N., 14 nov. 17 hon. dis. 14 nov. 19	i. s. a. p.	U. S. m. c. 14 jan. 98 to 13 jan. 03 U. S. A. 14 feb. 08 15 mar. 15	cap. 47 inf. 14 nov. 17 trans. 14 inf. 8 apr. 18	N. Y. 28 aug. 77
Thompson, William, 23 nov. 17	K		cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17 to 14 inf. 14 feb. 18	
Alford, Thomas Kennedy, 4 dec. 17 reserve list. 3 feb. 19	adj.		pvt. tr. C, cav. 8 apr. 01 dropped. 12 jan. 04 taken up, sq. C. 18 dec. 05 corp. 8 june 08 full and hon. dis. 8 aug. 10 1 lt. d. b., 14 inf. 5 aug. 16 1 lt. 14 inf. 5 sep. 17 cap. 4 dec. 17 accepted. 6 dec. 17	N. Y. 14 apr. 82
Bellows, LeRoy Calvin, 17 dec. 17	B		pvt., corp., co. A, 1 inf. N. G. N. J., tra. co. I, tra. co. A, agt., 1 agt. 21 feb. 02 to 14 mar. 07 2 lt. (A), 1 inf. 14 mar. 07 resigned. 5 mar. 08 1 lt. 14 inf., N. G. N. Y. 14 may 08 resigned. 2 jan. 15 r. l. 3 aug. 16 duty with d. b., 14 inf., 18 july 17 1 lt. 14 inf. 18 july 17 cap. 14 inf. 17 dec. 17 accepted. 19 dec. 17	N. J. 13 june 77
White, William Elmer, 18 dec. 17 reserve list. 21 june 19	F	1 agt. with 47 regt. N. Y. inf., U. S. vols. 24 may 98 com. 2 lt. 26 sep. 98 1 lt. at Porto Rico, 18 jan. 99 hon. dis. at Brooklyn by reason of mus- ter out of regt., 31 mar. 99	pvt. co. D, 47 inf. 20 jan. 90 corp. 1 sep. 91 agt. 11 jan. 93 hon. dis. 5 june 95 re-enlisted 47 inf. 2 may 98 agt. 2 may 98 cap. 14 inf. 18 dec. 17 accepted. 9 jan. 18 1 prov. regt. 6 july 18 relieved. 12 jan. 19	N. Y. 27 apr. 70
Zahn, Archie B., 8 jan. 18	D		pvt. co. D, 14 regt. 14 oct. 07 corp. 18 may 08 2 lt. 6 jan. 09 1 lt. 17 may 11 cap. 6 may 14 full and hon. dis. 28 apr. 16 r. l. 29 may 18 cap. 14 inf. 8 jan. 18 accepted. 21 jan. 18	N. Y. 8 feb. 87

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name grade date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Martin, Arthur L. L., 31 jan. 18 f. and h. dis. . . . 4 aug. 19	H	mustered into u. s. ser. 7 July 16 out 11 oct. 16	pvt. tr. C. 25 may 98 hon. dis. 14 jan. 99 2 lt. 14 feb. 07 1 lt. 28 mar. 08 hon. dis. 16 sep. 10 2 lt. 47 inf. 6 may 11 full and hon. dis. . . . 16 may 13 1 lt. 14 inf. 30 june 16 r. l. 5 may 17 cap. 14 inf. 31 jan. 18 accepted 4 feb. 18 n. g. r. 14 mar. 19	Fla. 29 aug. 75
Guise, Joseph B., 7 feb. 18 reserve list. . . . 30 sep. 19		pvt. co. D, 4 regt. N. J. vols. July 1898 to 8 oct. 98 mustered into u. s. ser. 7 July 16 out 11 oct. 16	pvt. co. G, 4 regt. . . . 25 may 93 re-enlisted. 25 may 98 re-enlisted. 25 may 99 pvt. 15 sep. 99 corp. 19 apr. 00 sgt. 10 may 00 re-enlisted. 25 may 00 pvt. 24 oct. 00 trans. to co. H. 3 jan. 01 sgt. 16 may 01 re-enlisted. 25 may 01 re-enlisted. 25 may 02 com. sgt. 15 sep. 02 trans. to co. L. 14 apr. 03 sgt. 24 apr. 03 re-enlisted. 25 may 03 1 sgt. 29 june 03 re-enlisted. 25 may 04 re-enlisted. 25 may 05 1 lt. 30 mar. 06 res. 7 mar. 07 1 lt. 14 inf. 26 feb. 07 cap. 14 inf. 18 mar. 08 full and hon. dis. . . . 8 dec. 14 1 lt. 14 inf. 30 june 16 cap. 4 apr. 17 dis. 27 july 17 cap. 7 feb. 18 accepted 11 feb. 18	Ger 28 apr. 76
Carman, Edward Remsen, 27 mar. 18	I		pvt. 17 co. 5 nov. 03 corp. 10 june 04 sgt. 7 apr. 10 full and hon. dis. . . . 6 oct. 10 1 lt. 14 inf. 20 nov. 17 cap. 27 mar. 18 accepted 29 mar. 18	N. Y. 3 jan. 85
Young, Samuel E., 25 apr. 18	chap.		cap. 14 inf. 25 apr. 18 accepted 25 apr. 18	O. 6 june 66
Van de Water, Reginald Leverett, 1 july 18	M		1 lt. d. b., 10 inf. . . . 24 july 17 assigned 47 inf. 26 sep. 17 1 lt. m. g. co., 14 inf. . . 23 nov. 17 cap. 1 july 18 accepted 5 july 18 1 prov. regt. —	N. Y. 18 apr. 84
Lachlan, Bruce S., 19 july 18 hon. dis. 4 aug. 19	C		1 lt. 14 inf. 10 may 98 cap. 14 inf. 19 july 18 accepted 23 july 18	Cal. 12 aug. 74

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name grade date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Continued</i>				
Magor, Frederick James, 13 dec. 18	E	.....	pvt. co. E, 47 inf. 28 mar. 10 corp., sgt., 1 sgt., full and hon. dis. 27 sep. 15 2 lt. d. b. 47 inf. 2 aug. 17 1 lt. 47 inf. 5 sep. 17 r. l. 19 oct. 17 1 lt. 14 inf. 30 oct. 17 cap. 13 dec. 18 accepted. 21 dec. 18	N. Y. 12 mar. 12
Belcher, Leslie, 17 dec. 19	adj.	Maine c. a. c., 1910 to 1914. corp., sgt., 2 lt.	1 lt. 14 inf. 17 dec. 17 cap. 13 feb. 19 accepted. 17 feb. 19	N. Y. 19 dec. 79
Baldwin, Frederick A., 26 feb. 19	G	.....	pvt. co. E, 47 inf. 28 may 06 hon. dis. 6 apr. 08 re-enlisted. 12 oct. 08 corp. 12 oct. 08 sgt. 22 mar. 09 1 sgt. 10 apr. 11 full and hon. dis. 29 apr. 12 2 lt. d. b., 47 inf. 8 aug. 16 resigned. 2 may 17 1 lt. 14 inf. 23 nov. 17 cap. 26 feb. 19 accepted. 1 mar. 19 1 prov. regt. 18 dec. 17 relieved. 18 nov. 18	N. Y. 18 july 89
Stoutenburgh, Gilbert, 3 apr. 19	L	.....	pvt. co. I, 14 inf. 21 aug. 17 sgt. 5 dec. 17 2 lt. 14 inf. 4 dec. 18 cap. 3 apr. 19 accepted. 8 apr. 19	N. Y. 8 jan. 79
Wilson, Matthew J. A., 18 june 19	C	pvt. co. I, 14 N. Y. inf. 2 may 98 to 27 oct. 98 mustered into u. s. ser. 7 july 16 out 11 oct. 16 into 15 july 17 hon. dis. 2 apr. 19	pvt. co. I, 14 inf. 14 mar. 98 corp. 22 jan. 00 sgt. 24 mar. 02 qn. sgt. 20 june 04 1 sgt. 18 dec. 05 2 lt. (I) 14 inf. 29 feb. 08 with rank from. 20 feb. 08 1 lt. 9 nov. 08 with rank from. 22 oct. 08 cap. 18 apr. 12 f. and h. dis. 8 dec. 14 1 lt. 30 june 16 resigned. 13 july 17 1 lt. 14 july 17 with rank from. 30 june 16 accepted. 14 july 17 dft. 5 aug. 17 cap. 14 inf. 18 june 19 accepted. 21 july 19	N. Y. 12 feb. 80
Westervelt, Henry R., 15 aug. 19	sup. co.	.....	enlisted d. b., 14 inf. — june 16 bat. sup. sgt. — aug. 16 bat. sgt. maj. — jan. 17 1 lt. 14 inf. 4 dec. 17 cap. 15 aug. 19 accepted. 16 aug. 19	N. J. 16 sep. 73
<i>First Lieutenants</i>				
Meserole, Frank D., 23 nov. 17	K	.....	1 lt. 23 inf. 23 nov. 17 accepted. 1 dec. 17 to 14 inf. 14 feb. 18	.....

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Steurer, William, 7 dec. 17	B		pvt. co. E, 14 inf. 5 apr. 99 dropped. 16 nov. 00 taken up. 18 feb. 01 corp. 4 june 02 sgt. 16 june 06 2 lt. 14 inf. 16 feb. 11 resigned. 30 mar. 14 r. l. 19 july 16 2 lt. depot bat. 14 inf. 18 july 17 2 lt. 14 inf. 18 july 17 1 lt. 7 dec. 17 accepted. 19 dec. 17	N. Y. aug. 80
Marquand, Frederick H., 12 mar. 18	asst. i. s. a. p.		pvt. co. C, 13 regt. 7 feb. 85 sgt. 22 jan. 91 hon. dis. 11 aug. 92 pvt. tr. C. 16 dec. 95 trans. tr. C. 13 jan. 98 hon. dis. 31 dec. 98 1 lt. 14 inf. 20 mar. 02 full and hon. dis. 16 oct. 07 1 lt. 14 inf. 12 mar. 18 accepted. 15 mar. 18	N. Y. 20 oct. 65
Bell, Royden S., 12 apr. 18	C		2 lt. 14 inf. 30 oct. 17 1 lt. 12 apr. 18 accepted. 15 apr. 18	N. Y. 24 jan. 85
Smith, George H., 20 may 18 hon. dis. 6 feb. 19		U. S. N., 1903-1907.. 1 lt. sig. corps U. S. r., 1916-1917.	pvt. 2 co. sig. corps. 6 jan. 08 dropped. 6 nov. 09 1 lt. 14 inf. 20 may 18 accepted. 22 may 18	N. Y. 26 nov. 86
Roe, Clarence Whitting, 24 may 18	I		enl. 17 sep. co. 8 sep. 96 corp. 6 june 99 sgt. 28 feb. 01 dis. 15 feb. 12 2 lt. 14 inf. 20 nov. 17 1 lt. 24 may 18 accepted. 27 may 18	N. Y. 17 july 77
Mulliner, Edwin B., 17 july 18	M		m. g. co. 14 inf., N. Y. G. 25 july 17 2 lt. 14 inf. 26 dec. 17 trans. co. M. 19 june 18 1 lt. 17 july 18 accepted. 19 july 18	N. Y. 14 mar. 87
Voss, Richard H., 14 aug. 18 f. and h. dis. 23 apr. 19	D		pvt. co. C, 7 inf. 14 feb. 04 corp. 14 feb. 08 hon. dis. 20 june 12 2 lt. 14 inf. 11 july 12 1 lt. 25 may 14 full and hon. dis. 7 jan. 16 1 lt. 14 inf. 14 aug. 18 accepted. 15 aug. 18	N. Y. 23 feb. 86
Cochran, James, 3 oct. 18 reserve list. 7 aug. 19	asst. i. s. a. p.		pvt. tr. C. 12 nov. 00 trans. tr. 6. 29 dec. 04 dropped. 7 may 06 1 lt. 14 inf. 3 oct. 18 accepted. 7 oct. 18	N. Y. 21 nov. 76
Gorton, Sheridan, Jr., 4 dec. 18			seaman, 1 div. 2 bat. 19 july 04 dropped. 30 sep. 07 pvt. 7 inf. 7 dec. 17 1 sgt. 18 2 lt. 30 july 18 1 lt. 4 dec. 18 accepted. 9 dec. 18	Pa. 22 sep. 79

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
First Lieutenants—Cont'd				
Morch, Sidney Nicholas, 18 dec. 18	E	mustered into u. s. ser. 30 mar. 17 out 18 apr. 17	pvt. co. D, 47 inf. 28 mar. 10 corp. 10 mar. 13 dis. 12 July 15 re-enlisted 12 July 15 2 lt. 47 inf. 5 sep. 17 r. l. 19 oct. 17 2 lt. 14 inf. 30 oct. 17 with rank from 5 sep. 17 1 lt. 18 dec. 18 accepted 23 dec. 18	N. Y. 25 dec. 90
Muir, De Grove, 26 feb. 19	bat. adj.		pvt. tr. D, 2 cav. 1 may 05 full and hon. dis. 3 feb. 13 2 lt. 14 inf. 12 apr. 18 1 lt. 26 feb. 19	N. Y. 1 may 13
Von der born, Charles J., 9 June 19	L	. o. t. c. 31 may 17 152 d. b. 14 aug. 17 c. o. t. s. 15 oct. 18 hon. dis. 7 dec. 18	pvt. co. I, 10 inf. 5 dec. 06 corp. 21 Jan. 10 sgt. 21 Jan. 13 full and hon. dis. 12 mar. 15 re-enlisted and warrant con. mess sgt. 1 feb. 17 full and hon. dis. 31 may 17 1 lt. 14 inf. 9 June 19 accepted 17 June 19	N. Y. 2 sep. 87
Becker, Walter F., 13 aug. 19	D		pvt. co. D, 14 inf. 12 aug. 18 corp. 6 nov. 18 sgt. 20 feb. 19 2 lt. 14 inf. 4 apr. 19 1 lt. 13 aug. 19 accepted 16 aug. 19	N. Y. 23 dec. 98
Hays, Sanderson W., 16 aug. 19	bat. adj.	n. a. 23 July 18 hon. dis. 17 dec. 18	pvt. co. H, 14 inf. 20 may 18 sgt. 15 July 18 hon. dis. 29 July 18 2 lt. 14 inf. 3 apr. 19 1 lt. 16 aug. 19 accepted 18 aug. 19	Mass. 26 sep. 88
Depp, Peter Michael, 16 aug. 19	F	mustered into u. s. ser. 18 July 16 out 11 oct. 16 into 31 July 17 hon. dis. 5 aug. 17	pvt. co. K 22 apr. 12 corp. 16 mar. 14 sgt. 9 nov. 14 full and hon. dis. 28 June 15 re-enlisted 28 June 15 2 lt. 10 July 16 accepted 10 July 16 r. l. 25 June 19 1 lt. 14 inf. 16 aug. 19 accepted 25 aug. 19	N. Y. 16 Jan. 94
Hunt, Clyde R., 19 sep. 19	bat. adj.	22 inf. 22 mar. 17 1 g. group 3 8 oct. 18 to 29 nov. 18 c. o. t. s.	1 lt. 14 inf. 19 sep. 19 accepted 3 oct. 19	N. Y. 30 oct. 92
Second Lieutenants				
Gould, Albert H., 23 nov. 17 hon. dis. 14 nov. 19	K		2 lt. 23 inf. 27 nov. 17 accepted 1 dec. 17 to 14 inf. 14 feb. 18	
Martin, Theodore V., 18 dec. 17 reserve list. 9 June 19	F		pvt. co. B, 47 inf. 6 mar. 94 corp. 12 mar. 00 hon. dis. 8 oct. 00 2 lt. 14 inf. 18 dec. 17 accepted 22 dec. 17	N. Y. 17 nov. 73
Williams, Rensen T., 14 mar. 18 reserve list. 31 dec. 19	A	v. c. a., June, 1917 sep., 1917.	pvt. 7 co. 9 c. a. c. 8 oct. 17 2 lt. co. A, 14 inf. 14 mar. 18 accepted 18 mar. 18	N. Y. 16 sep. 83

FOURTEENTH INFANTRY—NEW YORK GUARD—(Continued)

Name grade date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Cole, Everitt Judson, 20 may 18 hon. dis. 20 mar. 19	H	.....	pvt. 5 co. 13 c. a. c. 17 nov. 17 corp. 8 jan. 18 sgt. 12 mar. 18 trans. co. H, 14 inf. 1 apr. 18 sgt. 17 apr. 18 2 lt. 14 inf. 20 may 18 accepted. 28 may 18	N. Y. 2 dec. 90
Foster, Oscar R., 9 july 18 reserve list. 23 apr. 19	sup. co.	.....	2 lt. 14 inf. 9 july 18 accepted. 15 july 18	N. Y. 28 feb. 76
Sibbs, Samuel S., Jr., 27 aug. 18	m. g. co.	sig. r. c. 20 aug. 17 318 f. s., 9 bat., 10 may 18 2 lt. sig. corps, 27 aug. 18 421 tel. bat., hon. dis., 12 feb. 19	2 lt. 14 inf. 16 aug. 19 accepted. 18 aug. 19	Pa. 26 sep. 93
Katz, Abraham, 5 sep. 18	hdq. co.	5 u. s. inf. 8 aug. 08 to 9 july 10	2 lt. 14 inf. 5 sep. 18 accepted. 9 sep. 18	..... 20 aug. 85
Rodgers, Edgar J., 4 dec. 18	I	.....	pvt. co. I. 11 sep. 17 sgt. 17 jan. 18 2 lt. 14 inf. 4 dec. 18 accepted. 6 dec. 18	N. Y. 2 aug. 92
Framan, Murray J., 31 jan. 19	H	mustered into u. s. ser. 1 aug. 16 out 11 oct. 16 into 20 july 17 2 lt. inf. 31 jan. 19 hon. dis. 7 july 19	pvt. co. H, 14 inf. 24 may 15 artificer. 3 jan. 16 corp. — feb. 16 sgt. 19 july 16 1 sgt. 1 july 7 dft. 5 aug. 17 2 lt. 14 inf. 14 nov. 19 accepted. 24 nov. 19	N. Y. 4 apr. 97
Eaton, Thomas D., 13 feb. 19	E	1 co. 152 d. b., 28 sep. 17 sgt. 5 jan. 18 2 lt. 57 f. a. 17 aug. 18 hon. dis. 7 dec. 18	2 lt. 14 inf. 13 feb. 19 accepted. 25 apr. 19	N. Y. 10 aug. 89
Cowen, Edward, 3 apr. 19	L	pvt. av. cps., 12 dec. 17 hon. dis. 23 june 18 s. a. t. c., 1 oct to 11 dec. 18.	2 lt. 14 inf. 3 apr. 19 accepted. 10 apr. 19	N. Y. 27 mar. 98
Corcoran, Anthony W., 4 apr. 19	C	r. o. t. c., 2 lt., 16 sep. 18	2 lt. 14 inf. 4 apr. 19 accepted. 9 apr. 19	N. Y. 3 june. 97
Morgan, Alan S., 9 june 19	G	.....	pvt. 9 c. d. c. 28 june 09 corp. 13 june 13 qm. sgt. 29 june 14 pvt. co. I, 14 inf. 3 aug. 17 sup. sgt. — sep. 17 2 lt. 14 inf. 9 june 19 accepted. 13 june 19	Mass. 8 nov. 89
Markel, Jesse M., 18 sep. 19	sup. co.	.....	pvt. m. g. co. 47 inf. 19 nov. 17 corp. 10 jan. 18 sgt. 28 may 18 to co. B, 69 inf. 18 dec. 18 sgt. 5 apr. 19 2 lt. 14 inf. 18 sep. 19 accepted. 19 sep. 19	N. Y. 28 apr. 96

FOURTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name grade date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants — Con- cluded</i>				
Baldwin, Frederic W. Jr., 19 sep. 19	B	sgt. co. E, 308 inf., 23 sep. 17 hon. dis. 25 jan. 19	2 lt. 14 inf. 19 sep. 19 accepted 27 sep. 19	N. Y. 28 aug. 95
Macre, Frank J., 24 sep. 19	D	.....	pvt. co. D, 14 inf. 15 july 18 corp. 6 nov. 18 sup. sgt. 28 apr. 19 2 lt. 14 inf. 24 sep. 19 accepted 27 oct. 19	N. Y. 18 nov. 90
Weekes, Floyd S., 14 nov. 19	M	mustered into u. s. ser. 20 july 17 51 pioner inf., p hon. dis. 19 aug. 19	pvt. m. g. co. 10 inf. 28 june 18 dft. 5 aug. 17 pvt. co. M, 14 inf. 4 sep. 19 2 lt. 14 inf. 14 nov. 19 accepted 15 nov. 19	.....

FIFTEENTH INFANTRY, N. Y. G.
(First Brigade)

Armory 2217 Seventh Avenue, New York City

Organized as a Depot Battalion N. G., N. Y., July, 1917. Mustered into the New York Guard as follows: Company A, November 5, 1917; Company B, November 22, 1917; Company C, December 19, 1917; Company D, March 3, 1918; Company E, July 5, 1918; Company F, October 9, 1918; Company G, February 5, 1919; Company I, April 29, 1919; Company H, June 19, 1919; Machine Gun Company, June 19, 1919; Sanitary Detachment, April 5, 1918.
Regimental formation authorized July 31, 1918. July 25, 1919, re-designation as follows: Company B to be Company M; Company E to be Company I; Company F to be Company K; Company G to be Company L; Company H to be Company B; Company I to be Company E. Station of First and Third Battalions to be New York City; station of Second Battalion to be Brooklyn.

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Schieffelin, Wm. J., 30 July 18	mustered into u. s. ser. 28 June 16 out 10 mar. 17	pvt. tr. B, sq. A Oct. 14 2 lt. 28 June 16 1 lt. 24 Oct. 16 hon. dis. 3 Apr. 17 col. 15 inf. 30 July 18 accepted 31 July 18	N. Y. 30 Nov. 91
<i>Lieutenant Colonel.</i>				
Fillmore, Charles W., 8 Apr. 19	1 lt. 9 u. s. vol. inf. Ohio N. G., 15 June 98 bat. adj., comdnt. co. F, dis. 15 Nov. 98 mustered into u. s. ser. 25 July 17 cap. 369 inf., statistical officer, 92 div. 28 July 18 366 inf. 12 Aug. 18 adj. 370 inf. 15 Sep. 18 hon. dis. 28 Feb. 19	enlisted in Duquesne Blues, Ohio N. G. 20 Jan. 79 hon. dis. 20 Jan. 84 re-enlisted pvt. co. A, 9 bat. inf. 4 Apr. 84 hon. dis. 17 Jan. 87 pvt. co. A, 9 bat. inf. 15 Oct. 96 9 bat. inf. 15 Oct. 96 1 lt. 21 Nov. 96 major 26 Feb. 97 hon. dis. 14 Apr. 99 cap. 15 inf. N. Y. N. G. 18 July 16 accepted 24 July 16 dft. 5 Aug. 17 lt. col. 15 inf. 8 Apr. 19 accepted 10 Apr. 19	Ohio 17 Apr. 69
<i>Majors</i>				
Tandy, Vertner W., 22 Nov. 17 hon. dis. 23 May 19		pvt. co. K, 15 inf. 18 Sep. 16 1 Sgt. 26 Sep. 16 1 lt. 11 Dec. 16 cap. 18 May 17 dis. for physical disability. 1 Aug. 17 cap. 15 bat. 17 Aug. 17 maj. 15 bat. 22 Nov. 17 accepted 28 Nov. 17	Ky. 17 May 85
Jackson, William H., 14 Oct. 18	pvt. co. L, 6 Mass., mar. 27-Apr. 20, 91 1 lt. 20 Apr. 91-9 Sep. 99 1 lt. 6 Mass. u. s. v., 6 May 98-21 Jan. 99 cap. 48 u. s. v., 9 Sep. 99-30 June 01.	major, 15 inf. 14 Oct. 18 accepted 24 Oct. 18	Va. 30 June 72
Chisholm, Frank R., 30 June 19	pvt. co. L, 6 Mass. inf. u. s. v., 26 Apr. 98 hon. dis. 20 Jan. 99 2 lt. 48 inf. u. s. v., 14 Sep. 99 hon. dis. 30 June 01 o. t. e. 15 June 17 to 15 Oct. 17 1 lt. 367 inf. 1 Nov. 18 hon. dis. 1 Apr. 19	cap. 15 inf. 19 May 19 major 30 June 19 accepted 2 July 19	S. C. 4 Jan. 78

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name grade date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains</i>				
Meehan, Lawrence V., 21 aug. 18	adj.	pvt. co. M, 12 N. Y. v 2 may 98 1 sgt. 13 may 98 2 lt. 20 june 98 1 lt. 31 jan. 99 hon. dis. ... 20 apr. 99	pvt. co. H. 12 may 91 corp. 17 apr. 93 sgt. 20 nov. 93 1st sgt. 4 mar. 95 bat. sgt.-maj. 13 may 97 full and hon. dis. 16 apr. 00 1 lt. r. l. 28 apr. 17 cap. 15 inf. 21 aug. 18 accepted. 3 aug. 18	N. Y. 5 aug. 73
Nail, John Edw., 26 aug. 18	sup. co.		1 lt. 15 bat. 17 jan. 18 cap. 26 aug. 18 accepted. 12 sep. 18	Conn. 22 aug. 84
Brooks, William H., 19 oct. 18	chap.		cap. 15 inf. 2 may 17 accepted. 3 may 17 hon. dis. 23 july 17 cap. 19 oct. 18 accepted. 24 oct. 18	Md. 6 sep. 59
Parks, Virgil H. 6 nov. 18	A	pvt. tr. A, 10 u. s. c., 13 july 98 full and hon. dis., 25 nov. 99 re-enlisted co. G, 25 u. s. inf., 3 mar. 00 hon. dis. ...	pvt. co. C, 15 inf. 17 aug. 16 1 lt. 2 sep. 16 hon. dis. 7 july 17 cap. 15 inf. 6 nov. 18 accepted. 10 nov. 18	Ky. 24 mar. 82
Harris, George W., 27 nov. 18	i. s. a. p.		cap. 15 inf. 27 nov. 18 accepted. 6 dec. 18	Kan. 1 aug. 84
Cooper, Frederick H., 10 dec. 18	I	U. S. N. 10 may 01 hon. dis. ... 9 may 05	pvt. co. B, 15 inf. 10 aug. 16 hon. dis. 7 aug. 17 2 lt. 24 may 18 1 lt. 15 inf. 18 sep. 18 cap. 10 dec. 18 accepted. 13 dec. 18	..... 11 oct. 82
Lacy, George C., 6 may 19	m. g. co.	mustered into u. s. ser. 25 july 17 1 lt. 370 inf. 1 aug. 18 to d. b. camp Upton, 9 feb. 19 hon. dis. ... 7 may 19	pvt. co. B, 15 inf. 7 aug. 16 1 sgt. 2 mar. 17 2 lt. 6 apr. 17 1 lt. 14 july 17 accepted. 15 july 17 dft. 5 aug. 17 cap. 15 inf. 6 may 19 accepted. 21 may 19	Ohio 7 june 96
Reid, Dennis L., 19 may 19	B	mustered into u. s. ser. 25 july 17 2 lt. 369 inf., hon. dis. 26 feb. 19	2 lt. 15 inf. 14 july 17 accepted. 21 july 17 dft. 5 aug. 17 cap. 15 inf. 19 may 19 accepted. 22 may 19	Va. 1 oct. 80
Davidson, Eugene L. C., 9 june 19	L	mustered into u. s. ser. 15 oct. 17 to 19 may 19	cap. 15 inf. 9 june 19 accepted. 10 june 19	D. C. 3 may 96
Rivers, Francis E., 28 june 19	K	mustered into u. s. ser. 1 lt. 367 inf., 15 oct. 17; to 351 m. g. btn., 16 sep. 18; hon. dis. 6 mar. 19	cap. 15 inf. 28 june 19 accepted. 2 july 19	Mo. 30 july 93
Hooper, Chauncey M., 30 june 19	C	2 lt. 367 inf., 1 nov. 18 hon. dis. ... 10 apr. 19	1 pvt. 15 inf. 14 july 16 hon. dis. 31 oct. 18 1 lt. 15 inf. 29 may 19 cap. 30 june 19 accepted. 8 july 19	N. J. 5 june 94

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name grade date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Concluded</i>				
Lane, Charles E., Jr., 12 July 19	M	o t. c. 15 June 17 to 15 Oct. 17 1 lt. inf. 17 Oct. 17 hon. dis. 23 May 19	cap. 15 inf. 12 July 19 accepted. 15 July 19	Va. 22 Jan. 91
<i>First Lieutenants</i>				
Ward, Robert L., 15 Oct. 17	I	co. L, 25 inf., 24 Feb. 07 hon. dis. 23 Feb. 10 1 lt. inf. 15 Oct. 17 92 div. and 158 d.b. hon. dis. 7 Mar. 19	1 lt. 15 inf. 6 June 19 accepted. 12 June 19	Ala. 5 June 91
Richards, Edward L., 14 Jan. 18 reserve list. . . . 12 July 19	A	pvt. co. L, 6 Mass. V. M. — Mar. 00 corp., sgt., dis., — Jan. 07	1 lt. 15 inf. 14 Jan. 18 accepted. 21 Jan. 18	31 Va. Jan. 72
Williams, James P., 17 Jan. 18	B	.....	1 lt. 15 btn. 17 Jan. 18 accepted. 23 Jan. 18	N. Y. 2 Apr. 88
Craig, Luke F., 17 Jan. 18	F	.....	pvt. co. C, 15 inf. . . . 12 July 16 hon. dis. 16 June 17 1 lt. 15 inf. 17 Jan. 18 accepted. 21 Jan. 18	N. Y. 25 Nov. 92
Basil, Wilfred F., 18 Sep. 18	F	Brit. Army, 1896- 1908. 2 lt. 351 m. g. btn., 15 June 17 to 15 Oct. 17	pvt. co. A, 15 inf. . . . 1 July 16 dis. 16 June 17 2 lt. 15 btn. 20 May 18 1 lt. 15 inf. 18 Sep. 18 accepted. 25 Sep. 18	B. W. I. 7 Sep. 80
Evans, Luther, 18 Sep. 18	asst. i. s. a. p.	U. S. N. . . . 14 Feb. 12 to 12 Feb. 16	2 lt. 15 btn. 8 Apr. 18 1 lt. 15 inf. 18 Sep. 18 accepted. 26 Sep. 18	Va. 18 Jan. 82
Morris, Jacob A., 18 Sep. 18	B	.....	pvt. co. D, 15 inf. . . . 15 July 16 corp. 6 Oct. 16 sup. sgt. 30 Mar. 17 hon. dis. 6 Aug. 17 2 lt. 15 inf. 8 Apr. 18 1 lt. 18 Sep. 18 accepted. 30 Sep. 18	N. Y. 19 Feb. 81
Karney, Thomas H., 12 Nov. 18	bat. adj.	.....	1 lt. 15 inf. 12 Nov. 18 accepted. 15 Nov. 18	N. Y. 7 Jan. 82
Givens, Robert T., 12 Nov. 18 hon. dis. 13 May 19	bat. adj.	.....	1 lt. 15 inf. 12 Nov. 18 accepted. 14 Nov. 18	N. Y. 5 Oct. 79
Burke, Edmund H., 21 Dec. 18	bat. adj.	.....	pvt. co. A, 15 inf. . . . — Apr. 17 dis. — July 17 pvt. co. A, 15 inf. . . . 1 Nov. 17 btn. sgt. maj. 17 Oct. 18 1 lt. 15 inf. 21 Dec. 18 accepted. 26 Dec. 18	Plym outh. British W. I. 6 Mar. 85
Trotman, William F., 28 Dec. 18 reserve list. . . . 26 May 19	E	.....	1 lt. 15 inf. 28 Dec. 18 accepted. 9 Jan. 19	N. Y. 16 Mar. 84
Johnson, DeForest D., 13 June 19	D	mustered into u. s. ser. 25 July 17 1 sgt. 369 inf. 5 Aug. 17 hon. dis. 22 May 19	pvt. co. D, 15 inf. . . . 8 July 16 1 sgt. 6 Oct. 16 dft. 5 Aug. 17 1 lt. 15 inf. 13 June 19 accepted. 2 July 19	Mass. 10 Apr. 80

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank, and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Continued</i>				
Hernandez, Robert T., 14 june 19	m. g. co.	pvt. camp Upton, 30 oct. 17 o. t. c. 5 jan. 18 2 lt. inf. 1 june 18 hon. dis. 23 apr. 19	1 lt. 15 inf. 14 june 19 accepted. 18 june 19	Ga. 30 may 84
Aldridge, Ira L., 30 june 19 hon. dis. 26 dec. 19	L	2 lt. inf. 351 m. g. bta. 8 nov. 17 hon. dis. 20 may 19	pvt. co. A, 15 inf. 1 oct. 16 sgt. 20 may 17 hon. dis. 20 may 17 2 lt. 15 inf. 12 june 19 1 lt. 30 june 19 accepted. 1 july 19	N. Y. 5 mar. 91
Steedman, Charles O., 30 june 19	A	inducted. 30 apr. 18 corp. 21 aug. 18 2 lt. inf. 31 oct. 18 hon. dis. 9 apr. 19	2 lt. 15 inf. 12 june 19 1 lt. 30 june 19 accepted. 8 july 19	Ga. 21 aug. 92
Miles, Stanley A., 30 june 19	M	inducted. 22 nov. 17 corp., sgt., o. t. c., 2 lt. inf. 26 aug. 18 hon. dis. 19	2 lt. 15 inf. 24 feb. 19 1 lt. 30 june 19 accepted. 3 july 19	Va. 24 may 87
Atkins, Rufus A., 12 july 19	K	enl. 30 oct. 17 2 lt. inf. 1 nov. 18 hon. dis. 19	1 lt. 15 inf. 12 july 19 accepted. 16 july 19	Va. 23 july 88
Cheeseman, Benedict W., 12 july 19 hon. dis. 22 oct. 19	bta. adj.	mustered into u. s. ser. 25 july 17 sgt. major, 309 inf. hon. dis. 27 feb. 19	pvt. 15 inf. 26 aug. 16 dft. 5 aug. 17 1 lt. 15 inf. 12 july 19 accepted. 22 july 19	N. Y. 11 sep. 83
Pollard, Lee A., 19 aug. 19	C	o. t. c. 16 june 17 to 27 aug. 17	pvt. m. g. co. 15 inf. 29 june 16 sgt. 17 hon. dis. 16 june 17 2 lt. 15 inf. 17 feb. 19 1 lt. 19 aug. 19 accepted. 21 aug. 19	Va. 17 20 oct. 81
<i>Second Lieutenants</i>				
Herbert, William G., 4 june 18	m. g. co.	pvt. inf. 19 jan. 18 sgt. 1 feb. 18 sgt. 1 cl. 1 apr. 18 2 lt. 4 june 18 hon. dis. 29 apr. 19 service in 325 field sig. bta.	2 lt. 15 inf. 28 june 19 accepted. 4 july 19	N. Y. 6 jan. 97
Simpson, Frederick W., 26 aug. 18	band leader	bugler, co. M, Ind. N. G. 1888. 3 inf., band	band leader, 15 inf. 18 nov. 17 2 lt. 15 inf. 26 aug. 18 accepted. 27 aug. 18	Ind. 25 nov. 72
Taylor, Thos. E., 5 sep. 18 hon. dis. 23 may 19	A		2 lt. 15 inf. 5 sep. 18 accepted. 12 sep. 18	Ont. 10 dec. 71
Johnson, Lloyd R., 18 sep. 18 hon. dis. 19 feb. 19	sup. co.		pvt. 15 inf. 5 dec. 17 bta. sgt. maj. 3 feb. 18 2 lt. 18 sep. 18 accepted. 23 sep. 18	..... 9 jan. 91
Williams, Henry A., 14 oct. 18 hon. dis. 2 apr. 19	B		pvt. co. D, 15 inf. 15 apr. 18 2 lt. 14 oct. 18 accepted. 23 oct. 18	N. C. 1 june 80
Dance, Sterling E., 14 oct. 18	I		pvt. co. C, 15 inf. 5 july 16 corp., sgt., 2 lt. 15 inf. 14 oct. 18 accepted. 24 oct. 18	Va. 22 sep. 82

FIFTEENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Continued</i>				
Johnson, John R., 16 oct. 18 hon. dis. 9 june 19	D		2 lt. 15 inf. 16 oct. 18 accepted 28 oct. 18	Fla. 11 aug. 73
White, Walter F., 19 oct. 18 hon. dis. 18 apr. 19	C		2 lt. 15 inf. 19 oct. 18 accepted 26 oct. 18	Ga. 1 july 93
McPherson, Richard C., 25 oct. 18 reserve list. . . . 12 july 19	C		2 lt. 15 inf. 25 oct. 18 accepted 2 nov. 18	Va. 6 nov. 78
Banks, Robert A., 25 oct. 18 reserve list. . . . 12 july 19	F	17 prov. train. regt. u. s. 15 june 17 to 14 sep. 17	pvt. 15 inf. 29 june 18 hon. dis. 15 june 17 2 lt. 25 oct. 18 accepted 10 nov. 18	Va. 6 nov. 90
Morse, Roy F., 19 nov. 18	D		pvt. 34 co., 8 c. a. c. . 3 jan. 16 hon. dis. 23 oct. 18 pvt. 15 inf. 31 july 18 2 lt. 19 nov. 18 accepted 23 nov. 18	N. Y. 19 jan. 95
Jackson, Elwood A., 10 dec. 18 reserve list. . . . 17 july 19			pvt. co. C, 15 inf. . . . 22 may 18 sup. sgt. 29 may 18 2 lt. 15 inf. 10 dec. 18 accepted 16 dec. 18	N. Y. 1 aug. 84
Wright, Raymond B., 28 may 19	C	mustered into u. s. ser. 25 july 17, 369 inf., hon. dis. . . . 24 feb. 19	pvt. 15 inf. 17 oct. 16 dft. 5 aug. 17 pvt. co. G, 15 inf. . . . 18 apr. 19 2 lt. 15 inf. 28 may 19 accepted 16 june 19	N. Y. 17 june 93
Mikell, Francis E., 29 may 19	E	mustered into u. s. ser. 25 july 17, 369 inf., hon. dis. . . . 26 feb. 19	band leader, 15 inf. . . 12 may 17 dft. 5 aug. 17 2 lt. 15 inf. 29 may 19 accepted 31 may 19	S. C. 27 mar. 85
Smith, Harry C., 9 june 19	B	mustered into u. s. ser. 25 july 17 hon. dis. — 19	pvt. co. B, 15 inf. . . . 6 oct. 16 dft. 5 aug. 17 2 lt. 15 inf. 9 june 19 accepted 10 june 19	R. I. 7 may 89
Bates, Howard C., 12 july 19	A	mustered into u. s. ser. 25 july 17 hon. dis. 24 feb. 19	pvt. co. C, 15 inf. . . . 5 july 16 dft. 5 aug. 17 2 lt. 15 inf. 12 july 19 accepted 15 july 19	Va. 10 july 91
Smith, Bertram U., 12 july 19	M	mustered into u. s. ser. 25 july 17 co. B, 365 inf. hon. dis. 22 feb. 19	pvt. 15 inf. 25 june 16 dft. 5 aug. 17 pvt. co. H, 15 inf. . . . — 19 2 lt. 15 inf. 12 july 19 accepted 15 july 19	N. Y. 23 july 85
Hart, Jeremiah, 12 july 19	K	mustered into u. s. ser. 25 july 17 hon. dis. — jan. 19	pvt. co. A, 15 inf. . . . 29 june 16 corp., sgt., 1 sgt. . . . — 17 dft. 5 aug. 17 2 lt. 15 inf. 12 july 19 accepted 15 july 19	N. Y. 17 aug. 88

FIFTEENTH INFANTRY — NEW YORK GUARD — (Concluded)

Name grade date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Second Lieutenants—Con- cluded				
Chisum, William W., 12 July 19	sup. co.	mustered into u. s. ser. 25 July 17 reg. sup. sgt. 369 inf. hon. dis. . . . — Jan. 19	pvt. co. A, 15 inf. 4 May 17 dft. 5 Aug. 17 pvt. co. H, 15 inf. — 19 2 lt. 15 inf. 12 July 19 accepted. 15 July 19	Tex. 13 Apr. 83
Lucas, Wilmer F., 19 Nov. 19	L	s. a. t. c., sep. to dec., 1918.	pvt. co. F, 15 inf. 18 Nov. 18 sup. sgt. 9 Dec. 18 sgt. 12 Dec. 18 1 sgt. — 19 2 lt. 15 inf. 19 Nov. 19 accepted. 22 Nov. 19	D. C. 11 July 96

TWENTY-THIRD INFANTRY, N. Y. G.

(Second Brigade)

Organized as a Depot Battalion. Under authority of S. O. 276, A. G. O., October 29, 1917, Companies A, C, D and G were mustered into the New York Guard, increased to regimental formation and designated the 23d Infantry, N. Y. G. Attached to 2d Brigade by G. O. 64, A. G. O., December 22, 1917.

Company L, Cedarhurst, transferred to this regiment from the 12th Infantry, G. O. 64, A. G. O., December 22, 1917. Company E, Inwood, transferred to 14th Infantry, N. Y. G.

The companies were mustered into the New York Guard on the following dates: Machine Gun Company, November 14, 1917; Company A, October 29, 1917; Company B, Lynbrook, October 26, 1917; Company C, October 29, 1917; Company D, October 29, 1917; Company E, December 7, 1917; Company F, November 14, 1917; Company G, October 29, 1917; Company H, December 3, 1917; Company I, November 14, 1917; Company K, November 14, 1917; Company L, Cedarhurst, October 14, 1917; Company M, Glen Cove, November 14, 1917; Supply Company, March 4, 1918; Headquarters Company, March 11, 1918; Sanitary Detachment, March 11, 1918. Station of Company L, Cedarhurst, changed to Brooklyn, February 3, 1919 (G. O. 4). Recognized by War Department: Company G, June 30, 1919; Company B, November 20, 1919; Company C, November 20, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Gettysburg campaign, 1863; World War, 1917.

On the State Color.—Draft riot, July and August, 1863; East New York, September 22, 1863; Brooklyn, November 6, 1864; Brooklyn, February 16, 1870; Orange riots, 1871; Hornellsville, July 22, 1877; Buffalo, August, 1892; Brooklyn, January, 1895; Albany, 1901.

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Colonels				
Praeger, Louis Jewett, 22 dec. 17 retired 28 nov. 19			cap. depot bat. 23 inf. 11 july 16 hon. dis. 3 feb. 17 lt. col. 23 inf. 9 nov. 17 col. 23 inf. 22 dec. 17 accepted 27 dec. 17	N. Y. 20 june 67
Fairservis, Thomas, 4 dec. 19		mustered into u. s. ser. 2 july 16 out 17 jan. 17 into 1 apr. 17 resigned... 28 may 17	pvt., corp., sgt. co. C. 23 inf. 28 dec. 03 to 20 apr. 10 2 lt. 23 inf. 20 apr. 16 1 lt. 7 may 13 cap. 17 nov. 15 resigned 28 may 17 r. l. 22 aug. 17 duty with 23 inf. 23 aug. 17 cap. 23 inf. 23 aug. 17 maj. 9 nov. 17 lt. col. 17 jan. 18 col. 4 dec. 19 accepted 5 dec. 91	N. Y. 22 dec. 84
Lieutenant Colonel				
Outerbridge, Vivian Lorne, 20 dec. 19			pvt. co. B, 23 inf. 8 apr. 01 corp. 19 oct. 03 sgt. 21 nov. 04 2 lt. 23 inf. 13 dec. 06 1 lt. 23 inf. 16 mar. 11 cap. 19 june 12 resigned 29 oct. 13 r. l. 31 dec. 15 cap. 23 inf. 5 sep. 17 major 31 jan. 18 lt. col. 20 dec. 19 accepted 22 dec. 19	Ber- muda. 24 dec. 79

TWENTY-THIRD INFANTRY, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors</i>				
Lamont, Clifford Ferris, 15 nov. 17 f. and h. dis... 30 oct. 19			pvt. co. A, 23 inf. 10 apr. 99 corp. 1 dec. 02 sgt. 6 feb. 05 2 lt. 3 may 06 1 lt. 23 inf. 12 june 08 with rank from 4 june 08 cap. 16 aug. 09 with rank from 4 aug. 09 resigned. 8 sep. 14 cap. depot bat. 23 inf. 11 july 16 resigned. 3 feb. 17 r. l. 22 aug. 17 duty with 23 inf. 23 aug. 17 cap. 23 inf. 23 aug. 17 maj. 15 nov. 17 accepted. 17 nov. 17	N. Y. 5 mar. 80
Green, Ethelbert, 15 nov. 17 f. and h. dis... 11 aug. 19		pvt. co. H, 14 N. Y. vols. 14 may 98 14 may 98 sgt. 16 may 98 to 27 oct. 98	pvt. co. G, 23 inf. 4 oct. 97 tra. to co. H, 14 inf. 16 may 98 tra. to co. G, 23 inf. 5 dec. 98 corp. 22 may 99 sgt. 10 june 01 1 agt. 9 jan. 05 2 lt. 23 inf. 26 oct. 08 with rank from 15 oct. 08 1 lt. 1 apr. 10 with rank from 23 mar. 10 resigned. 17 feb. 12 1 lt. d. b., 23 inf. 11 july 16 cap. 23 inf. 5 sep. 17 maj. 23 inf. 15 nov. 17 accepted. 17 nov. 17	N. Y. 8 apr. 77
Brennan, Lennox C., 12 dec. 19		mustered into u. s. ser. 19 june 16 out 17 jan. 17 into 31 mar. 17 cap. 106 inf. 17 sep. 18 hon. dis... 2 apr. 19	pvt. co. K, 23 inf. 12 july 15 corp. 19 june 16 sgt. 21 july 16 1 lt. 23 inf. 1 may 17 accepted. 4 may 17 dft. 5 aug. 17 r. l. 14 nov. 19 maj. 20 inf. 12 dec. 19 accepted. 16 dec. 19	
<i>Captains</i>				
Evans, William J., 6 oct. 16	E	mustered into u. s. ser. 2 july 16 out 17 jan. 17 into 31 mar. 17 to 71 inf. 16 oct. 17 hon. dis... 15 july 19	pvt. co. M. 14 apr. 13 corp. 16 mar. 14 sgt. 15 feb. 15 1 agt. 28 june 15 full and hon. dis. 14 apr. 16 re-enlisted. 14 apr. 16 2 lt. 3 july 16 cap. 6 oct. 16 accepted. 10 oct. 16 dft. 5 aug. 17 cap. 23 inf. 23 dec. 19 accepted. 29 dec. 19	N. Y. 18 june 93
Keece, George M., 1 may 17	m. g. co.	mustered into u. s. ser. 1 july 16 out 17 jan. 17 into 2 apr. 17 cap. 54 pioneer inf. 1 may 17 hon. dis... 15 july 19	pvt. co. A. 7 nov. 95 corp. 14 jan. 95 hon. dis. 28 feb. 00 re-enlisted. 31 dec. 04 qm. sgt. 20 feb. 05 1 sgt. 4 may 08 qm. sgt. 11 apr. 10 full and hon. dis. 2 nov. 14 re-enlisted co. K. 5 apr. 15 sgt. 28 apr. 15 com. sgt. 19 june 16 color sgt. 2 july 16 2 lt. 3 july 16 cap. 1 may 17 accepted. 2 may 17 dft. 5 aug. 17 r. l. 21 oct. 19 cap. 23 inf. 29 dec. 19 accepted. 30 dec. 19	N. Y. 29 june 72

TWENTY-THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Ireland, Rutherford, 23 July 17	I	pvt. bat. B, N. Y. vols. 26 July 98 to 24 Oct. 98 mustered into u. s. ser. 3 July 16 out 17 Jan. 17 into 31 Mar. 17 hon. dis. ... 5 Aug. 19	pvt. 1 batty 23 Mar. 94 dropped 23 July 98 taken up 27 Oct. 98 tra. to co. I. I. 15 May 99 hon. dis. 23 June 99 re-enlisted 23 June 99 corp. 4 Feb. 01 agt. 1 June 03 2 lt. 27 July 05 1 lt. 7 Nov. 07 full and hon. dis. 20 Apr. 08 re-enlisted 14 Sep. 08 agt. 13 May 12 1 lt. 8 July 16 cap. 23 July 17 accepted 24 July 17 dft. 5 Aug. 17 cap. 23 inf. 9 Dec. 19 accepted 13 Dec. 19	.....
Barnum, Charles Henry, 17 Aug. 17 retired 12 Dec. 19	sup. officer	.....	pvt. co. K, 23 inf. 6 Dec. 83 post qm. agt. 5 May 08 2 lt. 23 inf. 7 Dec. 11 r. l. 7 July 16 cap. 23 inf. 5 Sep. 17 accepted 15 Sep. 17	N. Y. 22 May 61
Butler, Louis W., 5 Sep. 17 retired 28 Nov. 19	adj.	.....	pvt. co. A, 23 inf. 24 Apr. 89 corp. 5 Oct. 92 agt. 18 Feb. 95 color bearer 25 Nov. 95 bat. agt. maj. 27 May 01 hon. dis. 1 Apr. 02 re-enlisted 1 Apr. 02 bat. agt. maj. 7 Apr. 02 rgt. agt. maj. 21 Nov. 04 hon. dis. and re- enlisted 1 Apr. 15 hon. dis. and re- enlisted 1 Apr. 16 hon. dis., s. c. d. 30 June 16 cap. 23 inf. 5 Sep. 17 accepted 17 Sep. 17	Pa. 6 May 62
Kelly, Warren, 14 Nov. 17 hon. dis. 4 Dec. 19	L	.....	cap. 12 inf. 14 Nov. 17 accepted 15 Nov. 17 tra. to 23 inf. 22 Dec. 17	N. Y. 1 June 92
Stauderman, Philip, 23 Nov. 17 f. and h. dis. 18 Dec. 19	B	pvt., corp., co. K, 47 N. Y. vols., 24 May 98 agt. 1 July 98 mustered out, 31 Mar. 99	pvt. co. K, 47 inf. 19 Sep. 94 full and hon. dis. 18 Dec. 99 cap. 23 inf. 23 Nov. 17 cap. 23 inf. N. Y. N. G 20 Nov. 19 accepted 20 Nov. 19	N. Y. 23 Feb. 77
Pierce, Chauncey Arthur, 23 Nov. 17 f. and h. dis. 21 Nov. 19	C	mustered into u. s. ser. 1 July 16 resigned 13 Oct. 16	pvt., corp., agt., qm. agt., 1 agt., co. K, 23 inf. 26 Feb. 06 to 21 Apr. 14 2 lt. 21 Apr. 14 1 lt. 3 July 16 resigned 13 Oct. 16 r. l. 24 Aug. 17 1 lt. 23 inf. 5 Sep. 17 cap. 23 inf. 23 Nov. 17 accepted 27 Nov. 17	N. J. 2 Feb. 82

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Boyce, George Kohler, 23 nov. 17	G	mustered into u. s. ser. 29 nov. 16 out 17 jan. 17	pvt. co. G, 23 inf. 20 jan. 08 corp. 25 apr. 10 sgt. 27 june 10 qrm. sgt. 11 dec. 11 1 sgt. 8 july 12 full and hon. dis. 25 jan. 15 re-enlisted. 25 jan. 15 full and hon. dis. 25 jan. 16 re-enlisted. 25 jan. 16 2 lt. 3 july 16 1 lt. 24 nov. 16 accepted. 29 nov. 16 dis. p. d. 7 apr. 17 r. l. 25 aug. 17 1 lt. 23 inf. 5 sep. 17 cap. 23 nov. 17 accepted. 27 nov. 17 cap. 23 inf. N. Y. N. G. 30 june 19 accepted. 31 july 19	N. Y. 18 june 89
Rossiter, Arthur Wickes, 23 nov. 17 f. and h. dis. 14 nov. 19	M	.....	pvt. co. I, 7 inf. 7 oct. 96 dropped. 9 oct. 01 taken up. 20 dec. 01 full and hon. dis. 20 dec. 01 cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17	N. Y. 8 oct. 74
Taft, Raymond Leonard, 23 nov. 17	F	mustered into u. s. ser. 1 july 16 to N. G. R. 6 oct. 16 to 23 inf. 17 july 17 hon. dis. 6 aug. 17	pvt. co. G, 23 inf. 6 oct. 13 corp. 1 may 16 sgt. 2 aug. 16 dft. 5 aug. 17 cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17	N. Y. 6 may 85
Sayers, William L., 23 nov. 17 reserve list. 17 dec. 19	m. g. co.	.....	pvt. 1 f. h. 22 oct. 06 full and hon. dis. 6 june 12 cap. 23 inf. 23 nov. 17 accepted. 27 nov. 17	N. J. 18 may 85
Candee, Willard C., 2 jan. 18 f. and h. dis. 11 oct. 19	K	.....	pvt. co. C, 23 inf. 2 may 98 corp. 20 dec. 00 full and hon. dis. 11 apr. 04 1 lt. 23 inf. 23 nov. 17 cap. 2 jan. 18 accepted. 5 jan. 18	N. Y. 20 aug. 74
Congdon, Herbert W., 2 jan. 18 reserve list. 16 dec. 19	E	mustered into u. s. ser. 1 july 16 out 17 jan. 17	pvt. co. A, 23 inf. 25 oct. 97 corp. 16 mar. 03 hon. dis. 2 june 04 re-enlisted. 10 may 09 corp. 9 may 10 sgt. 7 nov. 10 2 lt. 23 inf. 23 nov. 11 1 lt. 31 july 12 cap. 13 oct. 14 r. l. 16 feb. 17 cap. 23 inf. 2 jan. 18 accepted. 10 jan. 18	N. Y. 9 may. 76
Steckert, Frederick Carl, 17 jan. 18	A	.....	pvt. co. A, 23 inf. 25 july 04 corp. 3 feb. 08 sgt. 16 may 10 full and hon. dis. 16 sep. 12 1 lt. 23 inf. 11 oct. 17 cap. 17 jan. 18 accepted. 21 jan. 18	N. Y. 7 july 81
Townley, Frank M., 12 mar. 18 hon. dis. 9 dec. 19	chap.	r. i. f., 88-90; r. h. a. 94-95.	cap., chap., 23 inf. 12 may 18 accepted. 15 mar. 18	Ireland. 4 sep. 76

TWENTY-THIRD INFANTRY, NEW YORK GUARD — (continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Long, Frederic K., 26 oct. 18	adj.	mustered into u. s. ser. 3 July 16 out 17 Jan. 17 into 31 Mar. 17 cap. 106 inf., 26 oct. 18 hon. dis. . . 3 Apr. 19	pvt. co. G 11 Apr. 10 corp. 19 Dec. 10 sgt. 16 Mar. 14 full and hon. dis. . . 11 Apr. 15 re-enlisted. 11 Apr. 15 full and hon. dis. . . 11 Apr. 16 re-enlisted. 11 Apr. 16 warrant as sgt. contd. 1 lt. 3 July 16 accepted. 3 July 16 dft. 5 Aug. 17 cap. 23 inf. 4 Dec. 19 accepted. 8 Dec. 19	N. J. 16 Jan. 91
McMullen, William H., Jr., 4 nov. 18	sup. eo.	mustered into u. s. ser. 1 Jan. 17 out 17 Jan. 17 into 31 Mar. 17 to 106 inf. . . 4 Oct. 17 1 lt. inf. . . . 1 Dec. 17 to 33 div. to 129 inf., 1 Aug. 18 cap. 4 Nov. 18 hon. dis. . . 26 June 19	pvt. co. K 29 June 03 corp. 22 Apr. 13 qm. sgt. 19 Oct. 14 full and hon. dis. . . 8 Mar. 15 re-enlisted. full and hon. dis. . . 3 Apr. 16 re-enlisted. sup. sgt. 29 June 16 hon. dis. 22 Dec. 16 2 lt. 18 Dec. 16 accepted. 23 Dec. 19 dft. 5 Aug. 17 cap. 23 inf. 18 Dec. 19 accepted. 26 Dec. 19	N. Y. 14 Apr. 82
Smith, Leonard H., 19 Nov. 18 f. and h. dis. . . 8 July 19	asst. i. s. a. p.		pvt. co. A, 23 regt. . . 4 Apr. 98 sgt. 20 Mar. 05 full and hon. dis. . . 15 Dec. 05 1 lt. 23 inf. 20 May 18 cap. 19 Nov. 18 accepted. 27 Nov. 18	N. Y. 15 Mar. 76
Nixon, John M., 4 Dec. 18 hon. dis. 29 Nov. 19	I	batty. A, 1 Mo. f. a., 1895-1902. resigned with rank of 1 lt.	2 lt. 23 inf. 23 Nov. 17 1 lt. 17 Jan. 18 cap. 4 Dec. 18 accepted. 9 Dec. 18	Ill. 26 July 75
Kerby, J. Parker, 13 Dec. 18 reserve list. . . 17 Nov. 19	H		2 lt. 23 inf. 11 Dec. 17 cap. 13 Dec. 18 accepted. 16 Dec. 18	N. Y. 1 Nov. 76
Forman, Robert M., 15 Jan. 19	D		pvt. co. D, 23 inf. . . 28 Jan. 07 corp. 2 Nov. 08 sgt. 5 Dec. 10 1 sgt. 8 June 14 full and hon. dis. . . 10 Mar. 15 2 lt. 23 inf. 26 Oct. 17 1 lt. 12 Mar. 18 cap. 15 Jan. 19 accepted. 17 Jan. 19	N. Y. 2 Nov. 87
McDonald, Willis, Jr., 23 July 19	asst. i. s. a. p.		pvt. tr. C, cav. 10 Apr. 99 full and hon. dis. . . 21 June 04 1 lt. 23 inf. 13 Dec. 18 cap. 23 July 19 accepted. 24 July 19	N. Y. 18 Dec. 18
Fahys, George E., Jr., 30 Sep. 19	M	mustered into u. s. ser. 28 June 16 out 15 Nov. 16 into 11 July 17 2 lt. 105 f. a.; 1 lt. 106 f. a. 1 Oct. 17 hon. dis. . . 21 Jan. 19	pvt. tr. B, sq. A . . . 15 Oct. 14 trs. 1 f. a. 29 June 15 corp. 23 Aug. 16 hon. dis. 11 June 17 2 lt. 2 f. a. 6 Apr. 17 accepted. 19 Apr. 17 dft. 5 Aug. 17 r. 1 14 July 19 cap. 23 inf. 29 Nov. 19 accepted. 6 Dec. 19	N. Y. 5 Aug. 90

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Concluded</i>				
Bedford, Henry E., Jr., 14 nov. 19 reserve list.... 11 dec. 19	K		2 lt. 23 inf. 27 nov. 17 1 lt. 17 jan. 18 cap. 14 nov. 19 accepted. 15 nov. 19	N. J. 2 feb. 86
Kochendorfer, John, 20 nov. 19	C		pvt. co. C, 23 inf. 29 jan. 06 corp. 25 apr. 10 dis. 6 nov. 11 1 lt. 23 inf. 4 dec. 17 cap. 23 inf. N. Y. N. G. 20 nov. 19 accepted. 20 nov. 19	N. Y. 19 feb. 78
Hanecom, Frank D., 16 dec. 19	chap.	pvt., N. G. Maine, — apr. 98 must. out. 18 nov. 98 hon. dis. co. H, 1 inf. N. G. Me., june, 1900. mustered into u. s. ser. 11 apr. 17 chap., 106 inf. hon. dis. — apr. 19	chaplain, 1 lt. 1 may 17 accepted. 2 may 17 dft. 5 aug. 17 chap. 23 inf. 6 dec. 19 accepted. 19 dec. 19	Maine 24 july 79
<i>First Lieutenants</i>				
Slack, Hawley Childs, 23 nov. 17	B		pvt. co. B, 23 inf. 25 feb. 01 full and hon. dis. 8 june 14 1 lt. 23 inf. 23 nov. 17 accepted. 27 nov. 17 1 lt. 23 inf., N. Y. N. G. 20 nov. 19 accepted. 20 nov. 19	N. Y. 13 jan. 81
Miller, John Robinson, 23 nov. 17 f. and h. dis. 11 aug. 19	bat. adjt.		pvt. co. G, 23 inf. 24 apr. 99 corp. 21 nov. 04 full and hon. dis. 4 oct. 09 1 lt. 23 inf. 23 nov. 17 accepted. 26 nov. 17	Del. 25 jan. 81
Wynkoop, Hubert S., 23 nov. 17 f. and h. dis. 30 oct. 19	bat. adjt.	pvt. co. I, 1 regt. Minn. N. G., 26 dec. 88 corp. 14 may 89 sgt. 3 july 89 dis. 12 dec. 89 pvt. co. G, 1 inf. Ill. N. G. 11 sep. 90 dis. 19 feb. 91 pvt. co. F, 5 inf. Cal. N. G. 30 apr. 91 hon. dis. 16 nov. 91 v. c. a. m. 4 may 17	pvt. co. A, 23 inf. 8 oct. 94 qm. sgt. 22 may 99 1 lt. 6 june 01 cap. 20 mar. 02 maj. 16 jan. 08 resigned. 8 june 09 trs. to 9 c. a. o. 8 oct. 17 trs. to 23 inf. 12 nov. 17 1 lt. 23 inf. 23 nov. 17 accepted. 27 nov. 17	N. Y. 20 sep. 86
Vehring, Charles, Jr., 23 nov. 17	bat. adjt.		pvt. co. C, 23 inf. 17 mar. 08 full and hon. dis. 8 june 14 re-enlisted. 18 jan. 15 full and hon. dis. 19 jan. 16 re-enlisted. 19 jan. 16 pvt. co. C, 23 inf. 22 oct. 17 1 lt. 23 inf. 23 nov. 17 accepted. 27 nov. 17	N. Y. 12 oct. 86
Diabrow, Joseph Pell, 11 dec. 17	F	v. c. a., nov., 1917.	pvt. co. F, 23 inf. 14 nov. 17 sgt. 5 dec. 17 hon. dis. 18 jan. 18 1 lt. 23 inf. 11 dec. 17 accepted. 14 dec. 17	N. Y. 31 mar. 72
Chittenden, Jonathan B., 2 jan. 18 hon. dis. 11 nov. 19	E		1 lt. co. E, 23 inf. 2 jan. 18 accepted. 7 jan. 18	Conn. 18 may 64

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Continued</i>				
Hedger, Henry L., 21 mar. 18	M		2 lt. 23 inf. 11 dec. 17 N. Y. 1 lt. 21 mar. 18 26 oct. accepted 25 mar. 18 75	
Woodford, Charles Willis, 15 aug. 18 hon. dis. 23 July 19	L		2 lt. 12 inf. 14 nov. 17 Can. accepted 15 nov. 17 8 nov. tra. to 23 inf. 22 dec. 17 73 1 lt. 23 inf. 15 aug. 18 accepted 16 aug. 18	
Hadden, Howard Stevens, 18 dec. 18	m. g. co.		2 lt. 23 inf. 17 dec. 17 N. Y. 1 lt. 18 dec. 18 11 apr. accepted 25 dec. 18 73	
Conover, Henry S., 26 dec. 18 f. and h. dis. 30 oct. 19	I		pvt. co. H, 23 regt. 13 jan. 02 N. J. corp. 21 dec. 03 7 sep. full and hon. dis. 1 nov. 07 79 2 lt. 12 apr. 18 1 lt. 26 dec. 18 accepted 3 jan. 19	
Terhune, Harry K., 22 Jan. 19 hon. dis. 19 sep. 19	A	vet. cps. S. N. Y., 15 June 17	pvt. m. g. co. 23 inf. 14 nov. 17 N. Y. 1 sgt. 20 feb. 18 25 aug. 2 lt. 22 Jan. 19 84 1 lt. 22 Jan. 19 accepted 30 Jan. 19	
Cassidy, Abner W., 3 feb. 19 hon. dis. 20 May 19	D		pvt. co. D, 23 inf. 7 dec. 14 Mo. corp. 3 May 15 20 May qm. sgt. 3 Apr. 16 91 sup. sgt. 29 June 16 sgt. 8 Oct. 16 sgt. to pvt. 8 Oct. 16 sgt. 6 Dec. 16 hon. dis. 18 May 17 2 lt. 23 inf. 21 Mar. 18 1 lt. 3 Feb. 19	
Robitsek, William E., 6 feb. 19	H	mustered into u. s. ser. 15 July 16 out 17 Jan. 17 responded 15 July 17 hon. dis. 5 Aug. 17	pvt. co. H, 23 inf. 26 Feb. 14 N. Y. corp. 15 June 16 3 Nov. sgt. 1 Oct. 16 97 to N. G. R. 26 Feb. 17 pvt. co. H, 23 inf. 18 Feb. 18 1 lt. 23 inf. 6 Feb. 19 accepted 7 Feb. 19	
Seeman, Eugene J., 3 Apr. 19	G	mustered into u. s. ser. 15 July 16 out 17 Jan. 17 pvt. co. K, 22 inf. 15 Oct. 18 2 lt. 19 Mar. 19 hon. dis. 19 Mar. 19	pvt. co. G, 23 inf. 22 Nov. 10 N. J. corp. 11 Nov. 12 25 May full and hon. dis. 22 Nov. 15 88 re-enl. and warrant con. 21 June 16 mess sgt. 4 July 16 sup. sgt. — Oct. 16 hon. dis. 21 May 17 2 lt. 23 inf. 12 Mar. 18 accepted 23 Mar. 18 full and hon. dis. 11 June 18 1 lt. 23 inf. N. Y. G. 3 Apr. 19 1 lt. 23 inf., N. Y. N. G. 30 June 19 accepted 31 July 19	
Davies, Samuel D., 15 Apr. 19	I	mustered into u. s. ser. 29 Nov. 16 out 17 Jan. 17 into 31 Mar. 17 2 lt. 106 inf.; 1 lt. 242 m. p. o. 15 Apr. 19 hon. dis. 1 Aug. 19	pvt. co. I, 23 inf. 25 May 14 N. Y. corp. 3 Apr. 16 4 Dec. 1 sgt. 22 July 16 91 2 lt. 23 inf. 3 Nov. 16 accepted 18 Nov. 16 dft. 5 Aug. 17 1 lt. 23 inf. 14 Nov. 19 accepted 24 Nov. 19	

TWENTY-THIRD INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Con-cluded</i>				
Cotter, James C., 23 July 19	D	.....	pvt. co. D, 23 inf. 29 nov. 97 f. and h. dis. 19 jan. 03 pvt. co. D, 23 inf. 22 oct. 17 corp. 5 nov. 17 sgt. 25 mar. 18 2 lt. 23 inf. 26 feb. 19 1 lt. 23 July 19 accepted. 28 July 19	N. Y. 4 July 76
Jarvis, David B., 19 sep. 19	L	27 div. 15 July 17 83 div. 15 Jan. 18 30 div. 25 July 18 hon. dis. 24 Apr. 19	1 lt. 23 inf. 19 sep. 19 accepted. 20 sep. 19	Soot. 30 June 94
Dimne, Edward F., 4 dec. 19	E	mustered into u. s. ser. 2 July 16 out 17 Jan. 17 into 31 mar. 17 2 lt. inf. 15 July 13 hon. dis. 2 May 19	pvt. co. M, 23 inf. 1 July 12 corp. 17 May 15 f. and h. dis. 19 July 15 re-enl. and warrant continued. sgt. 19 July 16 dft. 5 Aug. 17 1 lt. 23 inf. 4 dec. 19 accepted. 3 dec. 19	N. Y. 8 Aug. 92
Lee, Wendell G., 27 dec. 19	m. g. co.	mustered into u. s. ser. 2 July 16 out 17 Jan. 17 into 1 Apr. 17 sgt. 11 Aug. 17 to 106 inf. as stable sgt. 17 Oct. 17 hon. dis. 2 Apr. 19	pvt. co. G, 23 inf. 17 Apr. 16 to m. g. co. 19 Nov. 16 corp. 29 May 17 dft. 5 Aug. 17 1 lt. 23 inf. 29 Dec. 19 accepted. 30 Dec. 19	N. Y. 15 feb. 95
Conefrey, Frank A., 31 dec. 19	btn. adj.	mustered into u. s. ser. 1 July 16 out 17 Jan. 17 into 1 Apr. 17 sgt. co. H, 106 inf. 1 Sep. 17 1 sgt. 1 Sep. 18 2 lt. inf. 31 Oct. 18 hon. dis. 2 Apr. 19	pvt. co. E, 23 inf. 22 Nov. 15 corp. 26 May 17 dft. 5 Aug. 17 1 lt. 23 inf. 31 Dec. 19 accepted. 5 Jan. 20	N. Y. 6 July 97
Kendsiors, Carl A., Jr., 31 dec. 19	btn. adj.	mustered into u. s. ser. 1 July 16 out 17 Jan. 17 into 1 Apr. 17 2 lt. inf. 1 June 18 asst. pl. adj. 15 feb. 19 hon. dis. 23 sep. 19	pvt. co. L, 23 inf. 17 dec. 15 color sgt. 12 oct. 16 btn. sgt. maj. 27 May 17 dft. 5 Aug. 17 1 lt. 23 inf. 31 dec. 19 accepted. 5 Jan. 20	N. J. 15 June 93
<i>Second Lieutenants</i>				
Derrick, John Johnson, 23 nov. 17 reserve list . . . 17 dec. 19	B	enl. co. B, 1 Va. vols. 1890. dis. June 1897, as or. sgt.	pvt. co. B, 71 inf. 28 Apr. 98 dis. June 03 2 lt. 23 inf. 23 Nov. 17 accepted. 27 Nov. 17	S. C. 11 dec. 08
Mickleborough, George Washington, 23 nov. 17	sup. co.	.....	pvt. co. M, 23 inf. 28 oct. 15 hon. dis. 21 June 16 2 lt. 23 inf. 23 Nov. 17 accepted. 3 dec. 17	N. Y. 4 July 68
Purdy, James Garfield 17 dec. 17 reserve list . . . 30 dec. 19	m. g. co.	v. c. a. 7 May 17 to 9 c. a. c. — Oct. 17	pvt. m. g. co, 23 inf. 14 Nov. 17 sgt. 21 Nov. 17 1 sgt. 21 Nov. 17 2 lt. 23 inf. 17 dec. 17 accepted. 19 dec. 17	N. Y. 4 Mar. 81
Vaux, Alfred M., 19 dec. 17 hon. dis. 3 May 19	F	N. G. D. C., 1890 to 1897.	2 lt. 23 inf. 19 dec. 17 accepted. 28 dec. 17	D. C. 30 June 72

TWENTY-THIRD INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Second Lieutenants—Continued				
France, Melville J., 31 jan. 18	K	v. c. a. 2 may 17 to 14 nov. 17	co. K, 23 inf. 14 nov. 17 2 lt. 31 jan. 18 accepted 4 feb. 18	29 oct. 78
O'Connor, Eugene, 21 mar. 18	E	.....	pvt. co. A, 23 inf. 3 feb. 06 f. and h. dis. 26 may 13 2 lt. 23 inf. 21 mar. 18 accepted 25 mar. 18	N. Y. 10 nov. 86
Bowne, William H., 11 june 18	.....	2 lt. N. G. W. Va., 1892-1893.	pvt. co. M. 30 oct. 17 1 sgt. 27 nov. 18 2 lt. 23 inf. 11 june 18 accepted 14 june 18	N. Y. 27 nov. 64
Richter, Gustave A., 20 june 18 hon. dis. 29 dec. 19	band leader	.....	2 lt. 23 inf. 20 june 18 accepted 24 june 18	.....
Loomis, Frank I., 17 july 18	C	Mex. serv. 2 july 18 to 17 jan. 17	pvt. co. C, 23 inf. 24 feb. 14 corp. 27 nov. 16 hon. dis. — aug. 17 pvt. co. C. 22 oct. 17 2 lt. 23 inf. 17 july 18 2 lt. 23 inf., N. Y. N. G. 20 nov. 19 accepted 20 nov. 19	N. Y. 22 july 94
Moss, Courtlandt D., 15 aug. 18 hon. dis. 19 mar. 19	L	.....	pvt. co. L. 14 oct. 17 1 sgt. 17 dec. 17 2 lt. 23 inf. 15 aug. 17 accepted 26 aug. 17	N. Y. 20 mar. 87
Estey, Spencer J., 20 aug. 18 f. and h. dis. 20 sep. 19	A	.....	pvt. co. G, 23 regt. 19 mar. 86 corp. 4 nov. 87 sgt. 4 may 88 f. and h. dis. 20 feb. 99 2 lt. 23 inf. 20 aug. 18 accepted 23 aug. 18	.....
Wray, John, 9 jan. 19	m. g. co.	.....	pvt. 2 co. sig. corps. 16 jan. 06 dropped 19 oct. 07 pvt. m. g. co. 23 inf. 14 nov. 17 corp. 21 nov. 17 sgt. 25 mar. 18 2 lt. 23 inf. 9 jan. 19 accepted 13 jan. 19	N. Y. 18 june 84
Merlin, Kenneth G., 6 feb. 19	H	tr. A, Conn. N. G., may, 1903 to may, 1905.	2 lt. 23 inf. 6 feb. 19 accepted 7 feb. 19	.....
Vincent, Robert, 3 apr. 19 hon. dis. 9 june 19	L	French Army, 15 feb. 15 to 30 aug. 16; U. S. A., 28 apr. 17 to 25 apr. 18; 2 lt. a. g. d., 29 apr. 18; hon. dis. 12 jan. 19.	2 lt. 23 inf. 3 apr. 19 accepted 9 apr. 19	Mass. 17 july 96

TWENTY-THIRD — INFANTRY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank, and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- cluded</i>				
Mayor, Fred E., 28 may 19	G	mustered into u. s. ser. 19 june 16 out 17 jan. 17 into 2 apr. 17 hon. dis. . . 1 apr. 19	pvt., agt., 1 agt., co. I, 23 inf. 27 feb. 06 to 3 july 16 2 lt. 23 inf. 3 july 16 1 lt. 1 may 17 accepted. 2 may 17 dft. 5 aug. 17 2 lt. 23 inf. 28 may 19 2 lt. 23 inf. N. Y. N. G. 30 june 19 accepted. 19 aug. 19	N. Y. 9 oct. 87
Morhous, Burgess F., 21 aug. 19	F	.....	pvt. co. K, 23 inf. 8 aug. 92 corp. 6 dec. 97 agt. 8 june 99 f. and h. dis. 30 jan. 03 2 lt. 23 inf. 21 aug. 19 accepted. 25 aug. 19	N. Y. 6 feb. 67
Reeves, Walter J., 13 sep. 19	D	.....	pvt. co. D, 23 inf. 22 oct. 17 corp. 15 feb. 18 agt. 25 mar. 18 2 lt. 23 inf. 13 sep. 19 accepted. 22 sep. 19	Ill. 84
Shearman David, 13 sep. 19	L	pvt. 48 inf. 21 oct. 17 corp. 1 dec. 17 agt. 5 feb. 18 2 lt. inf. 10 sep. 19 hon. dis. . . 4 apr. 19	2 lt. 23 inf. 13 sep. 19 accepted. 25 sep. 19	Pa. 20 mar. 78
Massel, Edmund S., 30 oct. 19	I	mustered into u. s. ser. 2 july 16 out 1 jan. 17 into 31 mar. 17 2 lt. 117 inf., hon. dis.	pvt. co. I, 23 inf. 5 apr. 15 corp. 22 july 16 agt. 3 dec. 16 1 agt. 19 june 17 dft. 5 aug. 17 2 lt. 23 inf. 30 oct. 19 accepted. 3 nov. 19	N. Y. 6 aug. 96
Ehrenberg, Harry, 11 dec. 19	A	mustered into u. s. ser. 3 july 16 out 1 jan. 17 into 31 mar. 17 hon. dis. . . 31 mar. 19	pvt. co. D, 23 inf. 3 july 16 corp. — oct. 16 agt. 30 may 17 dft. 5 aug. 17 2 lt. 23 inf. 11 dec. 19 accepted. 15 dec. 19	Eng. 2 may 87

FORTY-SEVENTH INFANTRY, N. Y. G.

(Second Brigade)

Armory, Marcy Avenue and Heyward Street, Brooklyn

Organized as a Depot Battalion, and Company B, was mustered into the State service September 1, 1917. Designated 47th Infantry, N. Y. G., by G. O. 37, A. G. O., August 3, 1917.

Machine Gun Company and Company I, 10th Infantry, were transferred to this regiment, by S. O. 245, A. G. O., September 26, 1917.

The regiment was disbanded October 19, 1917 (G. O. 51, A. G. O.), and the Machine Gun Company and Company I, attached to the 14th Infantry, N. Y. G. Formation of new regiment authorized, October 20, 1917 (G. O. 52, A. G. O.)

The companies were mustered into the New York Guard on dates as follows: Headquarters Company, December 3, 1917; Sanitary Detachment, October 29, 1917; Company A, November 8, 1917; Company C, November 26, 1917; Company D, October 31, 1917; Company F, December 18, 1917; Company G, November 8, 1917; Company I, November 2, 1917; Company K, November 9, 1917; Company L, November 19, 1917; Company M, November 9, 1917; Company E, January 2, 1918; Company B, January 14, 1918; Company H, January 8, 1918; Supply Company, January 14, 1918; Machine Gun Company, January 21, 1918.

Performed duty guarding the Aqueduct.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Fort McHenry, Md., 1862; Washington, D. C., 1863; Spanish-American War, 1898; Porto Rico, 1898-9; World War, 1917.

On the State Color.—Draft riots, 1863; railroad riots, 1877; Fire Island, 1892; Brooklyn, 1895.

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonels</i>				
Barthman, Henry Charles, 15 June 17 bvt. brig. gen. 9 May 12 retired 14 Mar. 19		maj. 47 N. Y. inf., 3 May 98 to 31 Mar. 99	pvt. co. K, 23 inf. 29 Apr. 87 2 lt. 32 inf. 23 Jan. 90 2 lt. 47 inf., with o. r. 18 June 90 1 lt. 25 May 92 cap. 9 Aug. 93 maj. 47 inf. 19 July 00 lt. col. 16 July 03 col. 29 Nov. 07 bvt. brig. gen. 9 May 12 retired 5 Feb. 14 duty with d. b., 47 inf. 15 June 17 col. 47 inf. 15 June 17 accepted 11 Sep. 17	N. Y. 9 Feb. 68
Carlin, Walter Jeffreys, 13 Dec. 18			pvt. co. C, 23 inf. 18 Oct. 99 dropped 23 Dec. 01 taken up 23 Mar. 03 corp 16 May 04 1 lt. 47 inf. 7 June 06 a. d. c., cap. 2 B. 29 Nov. 07 sup. and re-assigned. 21 Jan. 08 1 lt. ord. dept. 11 Feb. 08 sup., det. to 2 B. 27 Feb. 08 bvt. cap. 3 Dec. 08 maj. ord. dept. 23 Dec. 10 i. g. major 26 Apr. 12 f. and h. dis. 15 Nov. 16 r. l. 15 Jan. 18 maj., a. g. d. 24 Jan. 18 col. 2 f. a. 13 Dec. 18 n. g. r., major 24 Feb. 19 col. 47 inf. 17 May 19 accepted 20 May 19	N. Y. 27 Dec. 80

FORTY-SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Lieutenant Colonels</i>				
Baldwin, Harry Beam, 23 nov. 17 reserve list.....12 nov. 19	mustered into u. s. ser.....10 apr. 17 resigned...27 june 17	pvt., corp., sgt., co. B, 13 inf.....5 may 84 hon. dis.....13 feb. 90 pvt. co. B.....21 july 92 hon. dis.....31 oct. 93 2 lt. 47 inf.....15 july 95 1 lt. 13 inf.....25 apr. 98 supn.....28 nov. 98 assigned to duty, 4 bat., 47 inf.....2 mar. 99 relieved.....24 apr. 99 cap. 47 inf.....20 june 99 maj.....28 apr. 04 lt. col.....11 mar. 14 r. l.....29 mar. 17 resigned.....27 june 17 lt. col. 47 inf.....23 nov. 17 accepted.....5 dec. 17	N. Y. 21 july 68
Whitley, Frederic Nelson, 27 feb. 19		pvt. tr. C.....1 feb. 02 corp. tr. 5.....19 feb. 06 1 lt.....16 nov. 06 1 lt.....23 jan. 08 cap.....12 nov. 09 maj. eng. corps.....23 dec. 10 r. l.....24 dec. 14 maj. c. of e.....22 jan. 15 hon. dis.....15 aug. 16 maj. q. m. c.....29 jan. 18 maj. i. g. d.....16 oct. 18 lt. col. 2 f. a.....27 feb. 19 n. g. r. maj.....12 mar. 19 lt. col. 47 inf.....21 nov. 19 accepted.....21 nov. 19	N. Y. 15 june 80
<i>Majors</i>				
Johnston, Albert T., 23 nov. 17 f. and h. dis.....13 may 19		pvt. co. A, 13 regt.....11 july 93 corp.....9 june 96 dis. by disability.....20 may 98 pvt. co. L.....27 feb. 99 2 lt. 13 regt.....6 apr. 99 1 lt.....12 oct. 99 cap.....21 jan. 02 resigned.....23 oct. 05 maj. 47 inf.....23 nov. 17 accepted.....3 dec. 17	N. Y. 9 mar. 76
Ford, Ernest Graydon, 4 dec. 17		pvt. co. C, 13 inf.....26 nov. 95 corp.....24 nov. 97 sgt.....15 feb. 98 dis. by disbandment.....16 may 98 pvt. 13 inf.....17 dec. 98 sgt.....27 mar. 99 1 sgt.....18 nov. 01 1 lt. 13 inf.....12 may 06 cap.....13 dec. 06 resigned.....16 mar. 08 maj. 47 inf.....4 dec. 17 accepted.....6 dec. 17	
McCutcheon, Henry Daniel, 11 dec. 17 retired.....19 mar. 19	cap. rgt. adj. 47 N. Y. inf.....3 may 98 to 31 mar. 99	pvt., sgt., 1 sgt., co. K, 47 inf.....5 nov. 85 to 9 mar. 92 2 lt.....9 mar. 92 1 lt.....25 may 92 bat. adj. 47 inf., with o. r.....11 apr. 94 cap. 47 inf.....27 dec. 07 bvt. maj.....25 feb. 11 retired.....17 jan. 16 maj. 47 inf.....11 dec. 17 accepted.....24 dec. 17	N. Y. 22 jan. 60

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains				
Rogers, Charles H., Jr., 5 July 16 Distinguished graduate, N. Y. School of the Line, 1915.	H	mustered into u. s. ser. 3 apr. 17 capt. 53 P. Inf. hon. dis. ... 31 mar. 19	pvt., corp., sgt., co. B, 47 inf. 1 July 12 to 8 nov. 13 2 lt. 47 inf. 8 nov. 13 1 lt. 5 May 14 cap. 5 July 16 accepted 5 July 16 dft. 5 Aug. 17 cap. 47 inf. 7 July 19 accepted 14 July 19	N. Y. 8 Feb. 90
Alberry, William F., 7 nov. 17	I	.....	cap. 47 inf. 7 nov. 17 accepted 12 nov. 17	N. Y. 27 may 74
Finkelmeier, William, 8 nov. 17	D	.....	pvt. co. I, 32 inf. 2 dec. 82 corp. 19 aug. 83 sgt. 23 June 84 1 sgt. 27 nov. 85 2 lt. 32 inf. 18 oct. 87 1 lt. 27 dec. 89 resigned. 3 feb. 92 pvt. co. H, 14 inf. 23 June 94 hon. dis. 21 sep. 96 cap. 47 inf. 8 nov. 17 accepted 12 nov. 17	N. Y. 20 nov. 64
Jennings, John Dollo, 15 nov. 17	m. g. co.	sgt. co. F, 23 N. Y. inf. 12 may 98 to 23 nov. 98	pvt. co. B, 13 inf. 9 feb. 93 to 29 aug. 93 pvt., corp., sgt., co. B, 13 rgt. 19 nov. 95 to 15 nov. 01 1 lt. 13 inf. 15 nov. 07 1 lt. c. a. c. 23 jan. 08 cap. 12 July 12 r. l. 23 feb. 17 cap. 47 inf. 15 nov. 17 accepted 17 nov. 17 N. G. R., maj. 14 apr. 19	N. Y. 21 nov. 74
Tollner, William, 20 nov. 17	G	.....	pvt. co. B, 23 inf. 28 sep. 03 full and hon. dis. 17 jan. 10 re-enlisted. 29 dec. 10 full and hon. dis. 7 June 15 cap. 47 inf. 20 nov. 17 accepted 23 nov. 17	N. Y. 1 mar. 81
Downs, Thomas, 20 nov. 17	M	.....	cap. 20 nov. 17 accepted 26 nov. 17	N. Y. 1 nov. 80
Mayer, Valentine T., 20 nov. 17	K	pvt. 6 u. s. inf., 27 sep. 99 to 8 mar. 02 pvt. 18 u. s. inf., 13 June 06 to 12 June 10	cap. 20 nov. 17 accepted 26 nov. 17	N. Y. 6 June 79
McCarty, Simon John, 20 nov. 17 f. and h. dis. ... 10 July 19	A	pvt. co. A, 8 N. Y. vols. 2 may 98 to 3 nov. 98 pvt. Panama sanitary ser., u. s. a., 15 dec. 03 to 1 mar. 04	pvt. co. A, 8 inf. 3 nov. 98 corp. 2 feb. 00 sgt. 15 feb. 01 1 sgt. 31 jan. 02 full and hon. dis. 4 dec. 03 pvt. co. A, 71 inf. 29 mar. 04 dropped. 16 apr. 05 taken up, 25 co. c. a. c. 16 may 05 1 sgt. 8 apr. 06 full and hon. dis. 24 apr. 14 cap. 47 inf. 20 nov. 17 accepted 26 nov. 17	N. Y. 2 apr. 77

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Concluded				
Howe, Henry Clayton, 23 nov. 17	E		cap. 23 nov. 17 accepted. 1 dec. 17	N. Y. 30 jan. 86
Dalmasse, Eliodore P., 23 nov. 17 reserve list. 20 june 19	sup. co.		cap. 23 nov. 17 accepted. 1 dec. 17	
Townsend, George, 23 nov. 17 hon. dis. 28 june 19	B	14 U. S. vols., 2 may 98 to 27 oct. 98 84 co. c. a. c., 26 jan. 99 to 21 sep. 06	cap. 23 nov. 17 accepted. 3 dec. 17	N. J. 30 dec. 77
Shipman, Edward Tuthill, 23 nov. 17	L		pvt. co. G, 28 inf. 27 feb. 09 corp. 18 dec. 11 full and hon. dis. 14 oct. 12 re-enlisted. 5 jan. 14 corp. 16 mar. 14 full and hon. dis. 10 jan. 16 re-enlisted. 7 feb. 16 tra. to depot bat. 29 june 16 cap. 47 inf. 23 nov. 17 accepted. 3 dec. 17	N. Y. 23 june 88
Carlson, Oscar, 4 dec. 17	C	pvt. co. G, 14 N. Y. inf. 2 may 98 to 27 oct. 98 mustered into u. s. ser. 1 aug. 16 out 11 oct. 16	pvt., corp., qm. sgt., 1 sgt., co. G, 14 inf. 11 may 98 to 5 may 10 2 lt. 14 inf. 5 may 10 1 lt. 17 may 11 cap. 19 apr. 12 r. l. 19 apr. 17 cap. 47 inf. 4 dec. 17 accepted. 10 dec. 17 N. G. R., maj. 14 apr. 19	Sweden 5 june 76
Barter, Malcolm E., 4 dec. 17	H	pvt. co. G, 1 N. Y. vols. 20 may 98 to 16 mar. 99	pvt. 3 sep. co. 8 mar. 97 dropped. 31 oct. 99 cap. 47 inf. 4 dec. 17 accepted. 10 dec. 17	N. Y. 18 feb. 78
Thompson, Walter, 8 apr. 18 hon. dis. 26 june 19	chap- lain		1 lt. 47 inf. 23 nov. 17 cap. 8 apr. 18 accepted. 10 apr. 18	
Young, William J., 10 may 18 reserve list. 1 july 19	i. s. a. p.	pvt. co. A, 47 regt. N. Y. v., 1898; sgt., 98-99.	pvt. co. A, 47 regt. 24 feb. 97 lance corp. 2 nov. 97 corp. 22 feb. 98 sgt. 30 oct. 99 1 sgt. 13 june 00 2 lt. 47 inf. 26 may 06 resigned. 16 mar. 07 1 lt. ord. 13 apr. 08 1 lt. 47 inf. 1 may 14 r. l. 2 july 14 cap. 47 inf. 10 may 15 accepted. 16 may 18	N. Y. 5 aug. 74
Gogin, Ernest Benton, 4 dec. 18	m. g. co.	pvt. co. A, Mass. 2 inf. 17 june 97 to 21 jan. 99 must. out. 21 jan. 99	2 lt. 47 inf. 4 june 14 1 lt. 9 july 14 resigned. 17 mar. 17 1 lt. 47 inf. 15 nov. 17 cap. 4 dec. 18 accepted. 6 dec. 18 N. G. R. 9 dec. 19	Mass. 31 aug. 78
Mahoney, Timothy S., 4 dec. 18	B		1 lt. 47 inf. 23 nov. 17 cap. 4 dec. 18 accepted. 9 dec. 18	N. Y. 10 oct. 77

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants</i>				
Rooney, William J. A., 8 nov. 17	D	pvt. co. C, 14 N. Y. vols. 2 may 98 to 27 oct. 98	pvt. co. C, 14 inf. 22 sep. 93 full and hon. dis. 3 jan. 99 1 lt. 47 inf. 8 nov. 17 accepted. 12 nov. 17	N. J. 14 dec. 71
Trigge, Herbert R., 20 nov. 17	K	pvt. co. D, 14 N. Y. vols. 2 may 98 to 27 oct. 98	pvt. co. D, 14 inf. 28 mar. 98 corp. 20 mar. 99 full and hon. dis. 30 mar. 03 1 lt. 20 nov. 17 accepted. 23 nov. 17	N. Y. 31 dec. 77
Reynolds, Charles H., 20 nov. 17 hon. dis. 14 feb. 19	A		1 lt. 20 nov. 17 accepted. 26 nov. 17	N. Y. 12 nov. 77
Reilly, Edward J., 23 nov. 17 reserve list. 2 dec. 19	A		pvt. 3 batty. 9 dec. 03 dropped. 25 mar. 07 1 lt. 23 nov. 17 accepted. 30 nov. 17	
Lindner, Harold M., 4 dec. 17	M		1 lt. 4 dec. 17 accepted. 10 dec. 17	N. Y. 29 nov. 86
Eckman, Carl G., 4 dec. 17 reserve list. 23 july 19	C		pvt. co. G, 14 inf. 11 may 03 corp. 5 mar. 06 sgt. 2 dec. 07 1 sgt. 24 mar. 13 full and hon. dis. 19 july 15 1 lt. 47 inf. 4 dec. 17 accepted. 10 dec. 17	Sweden 16 jan. 84
Marsh, Harold, 18 july 18	G		1 sgt. 15 oct. 17 sgt. co. G 4 feb. 18 2 lt. 47 inf. 27 mar. 18 1 lt. 18 july 18 accepted. 22 july 18	N. Y. 23 dec. 82
David, Clarence M., 14 aug. 18	M		pvt. co. L, 14 inf. 12 may 02 dropped. 19 jan. 03 pvt. co. M, 47 inf. 23 nov. 17 2 lt. 47 inf. 23 nov. 17 1 lt. 14 aug. 18 accepted. 19 aug. 18	N. Y. 16 apr. 83
Kallet, Isadore, 14 aug. 18 hon. dis. 24 july 19	B		2 lt. 11 dec. 17 1 lt. 14 aug. 18 accepted. 19 aug. 18	Ky. 6 mar. 83
Langhorst, Frederick W., 4 dec. 18	I		pvt. co. M, 47 inf. 9 nov. 17 sgt. 4 dec. 18 1 lt. 47 inf. 4 dec. 18 accepted. 6 dec. 18	N. Y. 20 sep. 85
Bloser, Edward W., 4 dec. 18	K		pvt. co. G, 23 inf. 12 dec. 04 dropped. 29 oct. 06 2 lt. 47 inf. 20 nov. 17 1 lt. 47 inf. 4 dec. 18 accepted. 9 dec. 18	N. Y. 13 jan. 81
La Place, Edward W., 4 dec. 18	L		pvt. co. B, sig. ops. 28 jan. 07 dropped. 8 dec. 10 pvt. co. B, sig. ops. 18 dec. 17 sgt. 8 apr. 17 1 lt. 47 inf. 4 dec. 18 accepted. 9 dec. 18	N. Y. 13 aug. 88

FORTY-SEVENTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Blans, Charles J., 18 dec. 18	F	mustered into u. s. ser. 1 apr. 17 hon. dis. 16 dec. 17	pvt. 7 co. 13 c. a. c. 22 sep. 03 corp. 23 oct. 06 agt. 24 nov. 08 full and hon. dis. 18 may 09 pvt. 5 co. 21 oct. 10 dis. 19 dec. 11 pvt. co. H, 47 inf. 29 nov. 15 qum. agt. 17 apr. 16 1 agt. 16 oct. 16 dft. 5 aug. 17 pvt. co. B. 10 aug. 17 trans. co. E, 14 inf. 22 oct. 17 1 agt. 29 oct. 17 sup. agt. 17 dec. 17 trans. co. E, 14 inf. 11 mar. 18 2 lt. 47 inf. 5 june 18 1 lt. 18 dec. 18 accepted. 20 dec. 18	N. Y. 11 apr. 86
Travers, John H., 26 dec. 18 hon. dis. 29 may 19	m. g. co.	.....	2 lt. 47 inf. 8 nov. 17 1 lt. 26 dec. 18 accepted. 28 dec. 18	N. Y. 2 aug. 69
Chapple, Arthur G., 12 mar. 19	bat. adj.	1 lt. inf. 6 oct. 17 hon. dis. 1 feb. 19	pvt. 1 motor batty. — apr. 16 hon. dis. 12 mar. 19 1 lt. 47 inf. 12 mar. 19 accepted. 14 mar. 19	Penn. 15 aug. 84
Platz, Robert Herman, 15 aug. 19	C	mustered into u. s. ser. 4 july 16 out 17 june 17 1 lt. u. s. g. 25 june 18 hon. dis. 27 jan. 19	pvt. co. B, 23 inf. 5 nov. 06 corp. 22 mar. 09 agt. 1 may 11 full and hon. dis. 6 june 15 re-enlisted. 6 june 15 hon. dis. 8 may 17 cap. 11 dec. 17 accepted. 17 dec. 17 hon. dis. 25 june 18 2 lt. 47 inf. 17 july 19 1 lt. 15 aug. 19 accepted. 18 aug. 19	N. Y. 20 oct. 78
Clark, Arthur P., 19 sep. 19	A	served 2 years in 2 West York art. vol. enlisted 25 mar. 91 n 2 dragoons (Roy. Scots guards); discharged 25 nov. 98 mustered into u. s. ser. 1 apr. 17 cap. 62 pioneer inf. hon. dis. 18 jan. 19	pvt. co. L, 47 inf. 26 apr. 15 corp. 14 june 15 1 agt. 12 june 16 1 lt. 23 jan. 17 capt. 21 apr. 17 accepted. 28 apr. 17 s. dft. 5 aug. 17 1 lt. 47 inf. 19 sep. 19 accepted. 22 sep. 19	Eng. 21 jan. 71
<i>Second Lieutenants</i>				
McNair, James Taylor, 23 nov. 17	sup. co.	2 lt. av. sec may 1911 to june 1913.	2 lt. 23 nov. 17 accepted. 1 dec. 17	N. Y. 28 oct. 91
Grosser, William, 23 nov. 17 hon. dis. 3 feb. 19	L	.....	2 lt. 23 nov. 17 accepted. 3 dec. 17	N. Y. 2 oct. 86
Forshay, Harold A., 23 nov. 17 f. and h. dis. ... 6 jan. 19	E	.....	pvt. tr. C, cav. 7 dec. 03 full and hon. dis. 5 nov. 06 2 lt. 47 inf. 23 nov. 17 accepted. 3 dec. 17	N. Y. 27 apr. 83
Finn, Harold C., 27 nov. 17	H	2 lt. inf. 27 nov. 17 to 53 pioneer inf. 13 jan. 18 hon. dis. 24 apr. 19	2 lt. 47 inf. 24 july 19 accepted. 28 july 19	N. Y. 8 mar. 96

FORTY-SEVENTH INFANTRY — NEW YORK GUARD — (Concluded)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con-cluded</i>				
Mowat, Sydney S., 2 aug. 18 reserve list..... 25 aug. 19	G	.....	pvt. co. G, 47 inf. 8 nov. 17 sgt. 6 may 18 2 lt. 47 inf. 2 aug. 18 accepted 5 aug. 18	N. Y. 1 sep. 93
Stickney, John W., 26 aug. 18	M	.....	pvt. co. M, 47 inf. 9 nov. 17 1 sgt. 19 aug. 18 2 lt. 47 inf. 26 aug. 18 accepted 26 aug. 18	N. Y. 29 july 81
Silver, Elias, 26 aug. 18	B	.....	pvt. 15 co., 9 c.a.c. 1 nov. 07 f. and h. dis. 8 july 12 ovt. co. H, 47 inf. 26 nov. 17 1 sgt. 1 mar. 18 2 lt. 47 inf. 26 aug. 18 accepted 28 aug. 18	N. Y. 17 apr. 88
Farrell, John A., 26 aug. 18 hon. dis. 1 june 19		.....	pvt. co. B, 47 inf. 23 oct. 17 sup. sgt. 2 lt. 47 inf. 26 aug. 18 accepted..... 28 aug. 18	N. Y. 2 apr. 72
Morrison, Harry S., 25 sep. 18 f. and h. dis. 4 dec. 19	C	mustered into u. s. ser. 20 july 17 sgt. 106 inf., hon. dis. 1 aug. 18 2 lt. 321 m. g. btm., 25 sep. 18 hon. dis. . . . 10 june 19	pvt. co. G, 14 inf. 8 june 14 dft. 5 aug. 17 2 lt. 47 inf. 24 july 19 accepted 28 july 19	Conn. 22 sep. 96
Gair, Russell A., 4 dec. 18 reserve list..... 20 dec. 19	F	.....	2 lt. 47 inf. 4 dec. 18 accepted 9 dec. 18	N. Y. 25 june 92
Biemser, Joseph, 4 dec. 18 f. and h. dis. 29 may 19	C	Mex. Bdr. 19 june 18 to 11 oct. 18	pvt. co. G, 14 regt. 7 oct. 12 corp. 14 dec. 14 qm. sgt. 15 jan. 15 h. dis. 16 july 17 pvt. co. C, 47 inf. 26 nov. 17 1 sgt. 17 dec. 17 2 lt. 47 inf. 4 dec. 18 accepted 9 dec. 18	N. Y. 10 apr. 94
Walshak, Anthony I., 6 jan. 19	D	.....	pvt. co. D, 47 inf. 24 oct. 17 1 sgt. 17 dec. 17 2 lt. 47 inf. 6 jan. 19 accepted 13 jan. 19	N. Y. 12 june 96
Dwyer, George H., 9 jan. 19	m. g. co.	.....	2 lt. 47 inf. 9 jan. 19 accepted 13 jan. 19	N. Y. 26 apr. 85

SIXTY-NINTH INFANTRY, N. Y. G.

(First Brigade)

Armory, 61 Lexington Avenue, New York City

Organised as a Depot Battalion July, 1917. Designated 69th Infantry, N. Y. G., by G. O. 37, A. G. O., August 3, 1917. Changed to regimental organization S. O. 283, A. G. O., November 8, 1917.

Mustered into New York Guard on dates as follows: Company A, November 7, 1917; Company B, August 17, 1917; Company C, September 21, 1917; mustered in as Company K, letter changed to C, October 4, 1917; Company D, November 26, 1917; mustered in as Company F, letter changed to D, February 16, 1918; Company E, November 26, 1917; Company F, November 26, 1917; Company G, November 30, 1917; Company H, December 14, 1917; Company I, December 4, 1917; Elmford Home Defense Unit mustered into New York Guard as 5th Co. 8th C. A. C., transferred to 69th Infantry, December 22, 1917; G. O. 64, A. G. O.; Company K, December 28, 1917; Company L, February 16, 1918; Company M, February 16, 1918; Headquarters Company, March 30, 1918; Supply Company, March 30, 1918; Sanitary Detachment, March 30, 1918; Machine Gun Company, May 20, 1918.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.— Civil War, 1861-1865; Blackburn's Ford, Va., July 18, 1861; Bull Run, Va., July 21, 1861; Rappahannock Station, Va., March 28-29, 1863; Yorktown, Va., April 16-May 4, 1862; Fair Oaks, Va., June 1, 1862; Gaines's Mill, Va., June 27-28, 1862; Savage Station, Va., June 29, 1862; Peach Orchard, Va., June 29, 1862; White Oak Swamp, Va., June 30, 1862; Glendale, Va., June 30, 1862; Malvern Hill, Va., July 1, 1862; Antietam, Md., September 17, 1862; Charlestown, W. Va., October 16-17, 1862; Snickers Gap, Va., November 2, 1862; Hartwood Church, Va., November 17, 1862; Fredericksburg, Va., December 11-15, 1862; Deserted House, or Kelley's Store, near Suffolk, Va., January 30, 1863; Suffolk, Va., April 11-May 4, 1863; Chancellorsville, Va., May 1-3, 1863; Carrsville, Va., May 16, 1863; Gettysburg, Va., July 1-3, 1863; Auburn Mills, Va., October 14, 1863; Bristol Station, Va., October 14, 1863; Mine Run, Va., November 26-December 2, 1863; Wilderness, Va., May 5-7, 1864; Po River, Va., May 9-10, 1864; Spotsylvania (angle), May 8-21, 1864; Landron House, Va., May 18, 1864; North Anna River, Va., May 22-26, 1864; Totopotomoy Creek, Va., May 27-31, 1864; Cold Harbor, Va., June 1-12, 1864; Petersburg (assault), Va., June 16, 1864; Weldon Railroad, Va., June 21, 22, 26-29, 1864; Deep Bottom, Va., July 27-29, 1864; Strawberry Plains, Va., August 14-18, 1864; Reams Station, Va., August 25, 1864; Boydton Plank Road, Va., October 27-28, 1864; Hatcher's Run, Va., December 8-9, 1864; Hatcher's Run or Dabney's Mills, Va., February 5-7, 1865; Skinner's Farm, Va., March 25, 1865; Crow's House, near Petersburg, Va., March 31, 1865; Hatcher's Run, Va., March 31, 1865; siege of Petersburg, Va., June 17, 1864-April 2, 1865; Sutherland Sta. Boydton Plank Road, Va., April 2, 1865; Sailor's Creek, Va., April 6, 1865; Farnville, Va., April 7, 1865; Appomattox Court House, Va., April 9, 1865; Spanish-American War, 1898; World War, 1917.

On the State Color.— Quarantine riots, 1858; draft riots, 1863; Fire Island, 1892; Brooklyn, 1895.

SIXTY-NINTH INFANTRY — NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Phelan, John James, 21 nov. 17	.....	mustered into u. s. ser. 6 july 18 dis. for physical disability ... 12 july 18	pvt., corp., co. G, bat. qm. agt., 69 inf. 10 june 95 1 lt. 69 inf. 16 may 02 cap. 21 may 07 lt. col. 17 apr. 14 discharged, physical disability s.o. 159, e. d. 12 july 16 r. l. 21 dec. 16 duty with 69 inf. 4 aug. 17 col. 69 inf. 21 nov. 17 accepted. 26 nov. 17	N. Y. 3 june 72
<i>Lieutenant Colonel</i>				
Costigan, William John, 12 jan. 18	C	2 lt. 69 N. Y. inf. 2 may 98 to 31 jan. 99.	pvt. co. G, 69 inf. 25 may 95 corp. 10 june 95 1 sgt. 16 nov. 97 1 lt. 69 inf. 4 may 99 cap. 28 nov. 05 r. l. 6 mar. 10 duty with depot bat. 69 inf. 5 july 16 cap. 69 inf. 5 july 16 lieut. col. 12 jan. 18 accepted. 15 jan. 18	N. Y. 24 may 70

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors</i>				
Cummings, Bernard Francis, 22 jan. 18	D	1 lt. 69 N. Y. inf., 2 may 98 to 31 jan. 99 mustered into U. S. ser. 6 july 16 resigned 28 nov. 16	pvt., corp., co. G, 69 inf. 10 june 95 to 8 oct. 97 2 lt. 8 oct. 97 1 lt. 23 feb. 00 cap. 18 oct. 04 resigned 28 nov. 16 r. l. 4 sep. 17 detailed to duty with 69 inf. 18 oct. 17 cap. 69 inf. 18 oct. 17 major 22 jan. 18 accepted 22 jan. 18	N. Y. 30 mar. 71
Cronin, James Michael, 26 jan. 18	F	.....	pvt. co. G, 69 inf. 10 june 95 sgt. 22 july 95 1 sgt. 4 may 96 1 lt. 22 oct. 97 cap. 20 apr. 99 cap. co. A. 24 nov. 99 resigned 3 aug. 00 cap. 69 inf. 11 dec. 17 major 26 jan. 18 accepted 31 jan. 18	N. Y. 29 july 72
McSherry, Felix J., 5 mar. 18	.....	69 regt. N. Y. vols. 19 may 98 to 31 jan. 99	pvt. co. C, 69 regt. 10 feb. 90 corp. 13 may 92 sgt. co. C, 69 bat. 27 dec. 93 1 sgt. 9 nov. 96 1 lt. 69 inf. 19 july 00 cap. 18 oct. 00 dis. 29 july 17 r. l. 14 aug. 17 cap. 69 inf. 8 jan. 18 major 5 mar. 18 accepted 11 mar. 18	Eng. 27 nov. 70
Dineen, Joseph P., 9 aug. 18 hon. dis. 26 dec. 19	chap.	.....	chaplain, 69 inf. 12 jan. 18 maj., chaplain 9 aug. 18 accepted 19 aug. 18	N. Y. 13 june 83
<i>Captains</i>				
Muller, Nicholas W., 18 oct. 17 reserve list 26 dec. 19	B	pvt. co. K, 65 inf., N. Y. v. 1 may 98 corp. 17 may 98 dis. 19 nov. 98 pvt. co. D, 42 U. S. v. i. 15 sep. 99 sgt. 20 sep. 99 1 sgt. 20 oct. 99 dis. 30 june 01	pvt. co. K, 65 inf. 1 may 98 hon. dis. 25 oct. 99 pvt. co. F, 69 inf., depot bat. july 16 dis. 6 nov. 16 1 lt. 69 inf. 17 aug. 17 cap. 18 oct. 17 accepted 22 oct. 17	Ger. 77
Hickey, Charles Augustus, 15 nov. 17 f. and h. dis. 2 dec. 19	adjt.	.....	pvt. co. C, 23 inf. 19 sep. 91 hon. dis. 12 oct. 96 2 lt. 69 inf. 25 mar. 10 with rank from 16 mar. 10 1 lt. 1 aug. 10 with rank from 19 july 10 resigned 8 may 13 r. l. 5 july 16 duty with depot bat. 69 inf. 5 july 16 1 lt. 69 inf. 5 july 17 cap. 69 inf. 15 nov. 17 accepted 17 nov. 17	N. Y. 6 july 73

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Tompkins, Arthur Melville, 11 dec. 17	I	cap. 9 regt. N. Y. Vols. 20 may 98 to 26 July 98	pvt. 22 inf. 30 oct. 84 2 lt. 11 inf. 1 mar. 88 supernumerary 14 jan. 89 2 lt. 9 inf. 12 June 90 cap. 20 may 93 cap. c. a. c. 23 Jan. 08 with rank from 29 May 93 retired 21 dec. 09 cap. 8 c. a. c. 11 dec. 17 cap. 69 inf. 27 dec. 17 accepted 28 dec. 17	N. Y. 81 sep. 66
Knight, John C., 11 dec. 17	E	Mass. vol. mil., 22 Jan. 97 pvt., corp., agt., 22 Jan. 06	cap. 69 inf. 11 dec. 17 accepted 17 dec. 17	Mass. 19 apr. 66
Conradt, Edward Joseph, 28 feb. 18	F		pvt. co. G, 69 inf. 4 sep. 17 dis. 21 oct. 17 2 lt. 69 inf. 18 oct. 17 cap. 28 feb. 18 accepted 1 mar. 18	N. Y. 9 June 84
Cronin, Francis Joseph, 28 feb. 18	D	2 lt. 69 N. Y. vols., 19 may 98 1 lt. 14 sep. 98 dis. 26 nov. 98	pvt. co. A, 22 eng. 11 feb. 95 tra. to 69 inf. 4 may 96 agt. 16 nov. 97 2 lt. 69 inf. 30 apr. 98 sup. 5 may 99 assigned to co. D, 69 inf. 31 July 99 1 lt. 14 dec. 99 resigned 9 oct. 00 1 lt. 69 inf. 11 dec. 17 cap. 28 feb. 18 accepted 1 mar. 18	N. Y. 11 June 70
Quinn, Denis J., 27 mar. 18	H		69 inf., N. G. N. Y. 20 June 12 dropped 20 Jan. 13 1 lt. 69 inf. 8 Jan. 18 cap. 27 mar. 18 accepted 1 apr. 18	Mass. 16 aug. 82
Weinberg, Edward F., 25 apr. 18			2 lt. 69 inf. 23 Jan. 18 cap. 25 apr. 18 accepted 29 apr. 18	N. Y. 23 feb. 85
Freestone, Jesse H., 10 may 18	K		pvt. 9 regt. co. F. 23 July 00 corp. 15 apr. 01 agt. 22 apr. 04 1 agt. 20 feb. 05 full and hon. dis. 25 may 06 1 lt. 9 c. a. c. 5 sep. 17 1 lt. 69 inf. 14 Jan. 18 cap. 10 may 18 accepted 13 may 18	N. Y. 12 aug. 73
Devane, John Patrick, 5 June 18	m. g. co.	1 lt. 69 N. Y. vols., 19 may 98 to 31 Jan. 99	pvt. co. B, 69 inf. 22 June 94 corp. 6 aug. 94 agt. 13 sep. 95 agt. maj. 7 may 96 2 lt. 69 inf. 30 apr. 98 supernumerary 5 may 99 assigned to duty with 8 inf. 7 dec. 03 1 lt. 8 June 04 resigned 13 apr. 06 r. l. 10 July 16 duty with depot bat. 69 inf. 10 July 16 1 lt. 69 inf. 20 nov. 17 cap. 5 June 18 accepted 7 June 18	Ire. 17 mar. 72

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Foley, Frank C., 19 june 18	i. s. a. p.		pvt. h. c. 9 c. a. c. 2 dec. 08 full and hon. dis. 21 june 15 re-enlisted. 21 june 15 dis. 14 july 17 2 lt. 9 c. a. c. 5 sep. 17 2 lt. 69 inf. 14 jan. 18 1 lt. 27 feb. 18 cap. 19 june 18 accepted. 24 june 18	Penn. 8 june 90
Crowley, William Adolph, 25 oct. 18	G		1 lt. 69 inf. 19 dec. 17 cap. 25 oct. 18 accepted. 4 nov. 18	N. Y. 2 feb. 93
Lannen, John Joseph, 12 nov. 18	sup. co.		69 inf. d. b. 3 aug. 16 1 sgt. sup. co. 8 jan. 18 2 lt. 69 inf. 12 nov. 18 cap. 12 nov. 18 accepted. 14 nov. 18	N. Y. 8 june 80
Donohue, Alphonsus J., 19 nov. 18 reserve list. . . . 12 sep. 19	M		pvt. co. C, 69 inf. 26 mar. 18 1 lt. 3 july 18 cap. 19 nov. 18 accepted. 22 nov. 18	N. Y. 24 aug. 83
Crowley, Jerome B., 22 nov. 18	F	Max. ser. . . 26 june 16 to 2 dec. 16	pvt. co. B, 7 inf. 30 jan. 13 dropped. 20 may 15 taken up. 24 sep. 15 hon. dis. 5 jan. 16 re-enlisted. 20 june 16 dis. 21 apr. 17 2 lt. 69 inf. 12 mar. 18 1 lt. 18 july 18 cap. 22 nov. 18 accepted. 6 dec. 18	N. Y. 31 jan. 94
O'Flynn, Geoffrey J., 28 may 19	A	mustered into u. s. ser. 6 june 16 resigned. . . . 14 nov. 16 1 lt. inf. . . . 15 aug. 17 cap. 28 may 19 hon. dis. . . . 24 july 19	pvt. co. D, 69 inf. . . . 21 sep. 08 corp. 29 dec. 11 sgt. 3 may 12 1 sgt. 9 nov. 14 full and hon. dis. . . . 19 mar. 15 re-enl., warrant con. 2 lt. 69 inf. 23 feb. 16 1 lt. 8 june 16 accepted. 12 june 16 r. l. 15 dec. 16 hon. dis. 17 aug. 17 r. l. 29 july 19 cap. 69 inf. 12 dec. 19 accepted. 16 dec. 19	Ireland 8 apr. 88
Dineen, Sylvester A., 13 june 19	ad.	pvt. u. s. a. 31 oct. 18 o. t. s., hon. dis., 5 dec. 18	1 lt. 69 inf. 11 dec. 17 accepted. 14 dec. 17 hon. dis. 12 nov. 18 r. l. 4 jan. 9 to 69 inf. 13 june 19 cap. 69 inf. 16 dec. 19 accepted. 17 dec. 17	
McNulty, Thomas F., 28 nov. 19	M		pvt. hos. cps. 12 regt. 30 jan. 05 dropped. 30 oct. 05 re-enl. co. G, 71 inf. . . . 28 mar. 12 dropped. 12 nov. 12 2 lt. 69 inf. 13 nov. 18 1 lt. 10 dec. 18 cap. 28 nov. 19 accepted. 29 nov. 19	Ireland 24 sep 83

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants</i>				
Kirkpatrick, Edward Monty, 15 aug. 16 reserve list.... 20 june 19	A	.....	pvt. co. G, 169 inf. . . . 11 may 98 corp. 12 jan. 99 hon. dis. 25 feb. 99 pvt. co. G, 69 inf. . . . 12 mar. 00 corp. 31 may 00 sgt. 21 dec. 03 1 lt. co. G, 69 inf. . . . 20 dec. 04 full and hon. dis. . . . 11 june 12 r. l. 5 july 16 duty with depot bat. 69 inf. 15 aug. 16 1 lt. 69 inf. with o. r. . . 18 oct. 17 accepted. 24 oct. 17	N. Y. 23 apr. 77
France, Edward N., 8 jan. 18	bat. adj.	.....	pvt. d. b. 69 inf. 1 aug. 16 sgt. 1 nov. 16 btl. sgt. maj. 3 dec. 17 1 lt. 69 inf. 8 jan. 18 accepted. 11 jan. 18	N. Y. 17 apr. 80
McCabe, Frank A., 8 jan. 18	E	.....	pvt. co. A, 12 inf. 23 apr. 00 dropped. 24 nov. 04 taken up. 4 june 06 dropped. 27 dec. 07 pvt. co. H. 15 oct. 17 1 lt. 69 inf. 8 jan. 18 accepted. 11 jan. 18	Mass. 16 aug. 82
Rose, William G., 18 jan. 18	bat. adj.	.....	pvt. 8 regt. 8 july 95 trs. to 9 inf. 11 oct. 07 sgt. maj. j. g. 21 mar. 08 full and hon. dis. 15 mar. 15 re-enlisted. 15 mar. 15 full and hon. dis. 15 mar. 16 re-enlisted. 15 mar. 16 warrant continued. dis. 1 lt. 9 c. a. c. 5 sep. 17 1 lt. 69 inf. 18 jan. 18 accepted. 21 jan. 18	N. Y. 3 aug. 73
Scott, William, 23 jan. 18	I	.....	pvt. co. I, 69 inf. 22 oct. 17 1 lt. 69 inf. 23 jan. 18 accepted. 1 feb. 18	Scot. 29 apr. 64
Byrne, Michael William, 28 feb. 18	F	.....	pvt. co. A, 69 regt. . . . 24 june 02 corp. 13 june 06 sgt. 1 nov. 09 1 sgt. 10 feb. 11 full and hon. dis. 15 mar. 15 pvt. co. F, 69 inf. 11 oct. 17 1 lt. 28 feb. 18 accepted. 4 mar. 18	N. Y. 16 mar. 85
O'Brien, Edward, 12 mar. 18	D	corp. c. a. c. 9 N. Y. v. 17 may 98 to 15 nov. 98	pvt. co. A, 9 regt. . . . 10 apr. 93 lance corp. 24 apr. 96 corp. 2 apr. 97 full and hon. dis. as sgt. 30 oct. 99 re-enlisted. 28 apr. 02 full and hon. dis. 7 june 09 re-enlisted. 13 july 14 dis. 12 july 17 2 lt. 9 c. a. c. 5 oct. 17 2 lt. 69 inf. 14 jan. 18 1 lt. 12 mar. 18 accepted. 15 mar. 18	N. Y. 1 jan. 70

SIXTY-NINTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Darby, Walter F., 12 apr. 18 f. and h. dis. 27 feb. 19	bat. adj.	.....	pvt. co. C, 69 inf. 14 jan. 07 sgt. 14 mar. 08 1 sgt. 7 feb. 10 full and hon. dis. 10 mar. 15 1 lt. 69 inf. 12 apr. 18 accepted. 15 apr. 18	N. Y. 31 July 80
Daly, Charles, 10 may 18 hon. dis. 21 nov. 19	H	.....	1 lt. 69 inf. 10 may 18 accepted. 13 may 18	N. Y. 7 July 82
Archbold, Robert Paul, 4 June 18	bat. adj.	pvt. co. M, 9 inf., N. Y. vols. 2 May 08 dis. 15 Nov. 08	enlisted co. A, 9 inf. 15 Dec. 98 dis. 23 Nov. 12 re-enlisted 13 co., 9 c. a. c. 1 July 16 dis. 30 June 17 2 lt. 9 c. a. c. 5 Sep. 17 accepted. 14 Sep. 17 r. l. 28 Feb. 18 2 lt. 69 inf. 9 Apr. 18 1 lt. 4 June 18 accepted. 10 June 18	N. Y. 25 June 78
Loughman, Edward J., 19 June 18 hon. dis. 17 Sep. 19	asst. i. s. a. p.	.....	1 lt. 69 inf. 19 June 18 accepted. 24 June 18	N. Y. 17 Nov. 64
Bradley, Patrick Joseph, 25 Oct. 18 hon. dis. 12 Sep. 19	B	.....	sgt. co. F, 69 inf. d. b. 7 Aug. 16 sgt. co. F, 69 inf. 7 Aug. 17 1 sgt. 5 Oct. 17 2 lt. 69 inf. 17 Apr. 18 1 lt. 25 Oct. 18 accepted. 2 Nov. 18 1 prov. regt. 7 May 18 relieved. 31 Jan. 19	N. Y. 6 Nov. 90
Torney, John A., 12 Nov. 18	C	.....	2 lt. 69 inf. 5 June 18 1 lt. 12 Nov. 18 accepted. 15 Nov. 18	N. Y. 26 Nov. 73
Kastner, Maximilian G., 10 Dec. 18 hon. dis. 17 Dec. 19	G	.....	pvt. co. D, 69 inf. 10 Sep. 17 1 sgt. 21 Jan. 18 2 lt. 20 May 18 1 lt. 10 Dec. 18 accepted. 16 Dec. 18	N. Y. 30 May 89
McGovern, Harry B., 10 Dec. 18	L	.....	2 lt. 69 inf. 8 Jan. 18 1 lt. 10 Dec. 18 accepted. 16 Dec. 18	Can. 7 Sep. 84
La Tour, Charles F., 20 Jan. 19	bat. adj.	U. S. N. R. F., May 1917 to Jan., 1918.	1 lt. 69 inf. 20 Jan. 19 accepted. 22 Jan. 19 aide to gov. 27 Jan. 19	N. Y. 6 Dec. 94
Hector, John C., 30 July 19	B	1 Oct. 18 to 30 Dec. 18.	1 lt. 19 inf. 19 June 18 accepted. 24 June 18 hon. dis. 1 Nov. 18 r. l. 30 June 19 to 69 inf. 30 July 19 1 lt. 69 inf. 2 Oct. 19 accepted. 2 Oct. 19	N. Y. 17 Aug. 96

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
First Lieutenants—Cont'd				
O'Grady, Randall V., 13 sep. 19	A	2 u. s. c. . . . 10 dec. 04 hon. dis. . . . 9 dec. 07	pvt. co. G, 69 regt. . . 10 june 85 corp. 26 f. b. 97 sgt. 14 mar. 00 1 sgt. 3 dec. 02 full and hon. dis. . . 6 dec. 04 re-enlisted 2 batty . . 9 nov. 09 dis. 20 may 12 re-enlisted d. b. 69 inf. 3 aug. 17 co. A, 69 inf. 7 nov. 17 1 sgt. 2 lt. 69 inf. 18 jan. 18 1 lt. 13 sep. 19 accepted 23 sep. 19	N. Y. 12 f. b. 75
Egan, John E., 31 dec. 19	M	c. o. t. s. . . . 13 oct. 18 hon. dis. . . . 20 nov. 18	pvt. co. M, 69 inf. . . 12 feb. 18 hon. dis. . . . 12 oct. 18 pvt. co. M, 69 inf. . . 18 dec. 18 sgt. 17 mar. 19 1 lt. 69 inf. 31 dec. 19 accepted 2 jan. 20	N. Y. 17 feb. 97
Second Lieutenants				
Decker, William, 23 jan. 18	I		pvt. co. I, 69 inf. . . 22 oct. 17 2 lt. 69 inf. 23 jan. 18 accepted 1 feb. 18	N. Y. 10 feb. 89
Roche, Thomas A., 14 mar. 18	F		co. G, 69 inf. 4 sep. 17 sgt. 10 sep. 17 2 lt. 69 inf. 14 mar. 18 accepted 22 mar. 18	N. Y. 3 may 92
Connell, John J., 27 mar. 18	D		2 lt. 69 inf. 27 mar. 18 accepted 26 apr. 18	Can. 30 dec. 78
Maloney, Anthony L. K., 9 apr. 18 hon. dis. . . . 27 feb. 19	H		pvt. co. H, 69 inf. . . 8 feb. 17 2 lt. 69 inf. 9 apr. 18 accepted 24 apr. 18	Pa. 5 aug. 98
Duggan, Robert E., 5 june 18 reserve list. . . 8 nov. 19	m. g. co.		pvt. co. G, 69 inf. . . 10 sep. 17 corp. 19 dec. 17 ret. and trans. hdq. co 29 mar. 18 color sgt. 29 apr. 18 2 lt. 69 inf. 5 june 18 accepted 8 june 18	N. Y. 30 aug. 95
Eagleton, Charles E., 19 june 18	K		pvt. co. E, 69 inf. . . 22 nov. 17 sgt. — mar. 18 2 lt. 69 inf. 19 june 18 accepted 24 june 18	Cal. 15 feb. 82
Ridgely, Clifford E., 15 july 18	band leader		pvt. hdq. co. 69 inf. . 18 jan. 18 chief musician. . . . 25 jan. 18 band leader. 29 apr. 18 2 lt. 69 inf. 15 july 18 accepted 22 july 18	Ohio 27 nov. 73
Baker, Charles J., 9 oct. 18	m. g. co.		pvt. co. L, 69 inf. . . 5 june 16 to d. b. co. B, 69 inf. 5 july 16 dpt. 15 dec. 16 pvt. m. g. co. 60 inf. 20 may 18 2 lt. 69 inf. 9 oct. 18 accepted 21 oct. 18	N. Y. 17 oct. 92
Inselman, Henry C., 23 oct. 18 reserve list. . . 8 nov. 19	B		pvt. d. b. 69 inf. . . 2 aug. 16 pvt. co. B, 69 inf. . . 2 aug. 17 2 lt. 69 inf. 25 oct. 18 accepted 5 nov. 18 1 prov. regt. 12 nov. 18 relieved. 1 apr. 19	N. Y. 20 july

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Hoehler, Fred'k W., Jr., 20 nov. 18 hon. dis. 12 sep. 19	L	.....	pvt. co. G, 69 inf. 30 nov. 17 trans. hdq. co. 29 mar. 18 color sgt. 29 apr. 18 2 lt. 69 inf. 20 nov. 18 accepted 25 nov. 18	N. Y. 29 mar. 94
Pommerer, William C., 27 nov. 18	sup. co.	.....	pvt. sup. co. 69 inf. 25 jan. 18 regt. sup. sgt. 17 apr. 18 2 lt. 69 inf. 27 nov. 18 accepted 3 dec. 18	Ger. 23 aug. 71
Murray, William R., 3 dec. 18	C	.....	pvt. co. C, 69 inf. 14 sep. 17 corp. 14 sep. 17 sgt. 20 may 18 2 lt. 69 inf. 3 dec. 18 accepted 6 dec. 18	N. Y. 28 mar. 84
Daverson, William E., 20 jan. 19 hon. dis. 8 nov. 19	G	.....	pvt. co. G, 69 inf. 1 oct. 18 2 lt. 69 inf. 20 jan. 19 accepted 27 jan. 19	N. Y. 8 nov. 85
Selby, Raymond C., 24 jan. 18	M	.....	pvt. d. u. 69 inf. 2 aug. 16 sgt. 15 oct. 16 pvt. co. B, 69 inf. 5 aug. 17 sgt. 24 sep. 17 to ranks and tra. to co. C. 31 oct. 17 to hdq. co. 5 feb. 18 btn. sgt. maj. 15 mar. 18 2 lt. 69 inf. 24 jan. 18 accepted 31 jan. 18	N. J. 18 July 87
Ranney, Francis P. J., 11 feb. 19 f. and h. dis. 8 nov. 19	E	.....	pvt. co. E, 22 eng. 14 nov. 10 1 cl. pvt. 14 apr. 13 corp. 20 oct. 13 sgt. 19 feb. 16 f. and h. dis. 23 nov. 17 pvt. co. E, 69 inf. 2 mar. 18 1 sgt. 11 feb. 19 2 lt. 69 inf. 14 feb. 19 accepted 14 feb. 19	N. J. 1 feb. 90
Quinn, Joseph P., 7 mar. 19	H	2 lt. u. s. a. r., 1 dec. 18	pvt. co. G, 69 inf. 7 sep. 17 sgt. co. F. 19 dec. 17 1 sgt. 9 mar. 18 hon. dis. 15 aug. 18 2 lt. 69 inf. 7 mar. 19 accepted 13 mar. 19	N. Y. 7 nov. 97
Merritt, Stephen, 2 oct. 19	L	.....	pvt. co. B, 7 inf. 25 may 10 f. and h. dis. 13 July 15 re-enl. 13 July 15 dis. 8 July 16 re-enl. 19 sep. 16 dis. 7 May 17 2 lt. 69 inf. 2 oct. 19 accepted 27 oct. 19	N. Y. 23 feb. 88
Dunne, Bernard J., 28 nov. 19	E	.....	pvt. co. E, 69 inf. 22 nov. 17 sup. sgt. 2 mar. 18 1 sgt. 24 feb. 19 2 lt. 69 inf. 28 nov. 19 accepted 1 dec. 19	Mass. 14 apr. 78

SIXTY-NINTH INFANTRY — NEW YORK GUARD — (*Concluded*)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- cluded</i>				
Somerville, Harry P., 28 nov. 19	m. g. co.	.....	pvt. m. g. co. 69 inf. . . 6 may 18 corp. 15 july 18 1 sgt. 28 oct. 18 2 lt. 69 inf. 28 nov. 19 accepted 1 dec. 19	N. Y. 19 mar. 89
Sullivan, Thomas H., 17 dec. 19	A	o. t. c. 2 june 18 hon. dis. 14 june 17 2 lt. 146 inf. 9 july 18 hon. dis. 19 may 19	pvt. co. D, 169 regt. . . 13 june 98 corp. 23 sep. 98 sgt. 21 oct. 98 hon. dis. 15 mar. 99 pvt. co. D, 69 inf. . . . 2 feb. 11 corp. 3 may 12 sgt. 20 nov. 14 full and hon. dis. . . . 24 mar. 16 re-enl. and warrant contd. 1 sgt. 2 june 16 re-enlisted — july 17 dft. 5 aug. 17 r. l. 27 oct. 19 2 lt. 69 inf. 17 dec. 19 accepted 19 dec. 19	N. Y. 5 aug. 81

SEVENTY-FIRST INFANTRY, N. Y., N. G.

(First Brigade)

Organized as a Depot Unit, July, 1917. Designated 71st Infantry, New York Guard, August 3, 1917 (G. O. 37, A. G. O.). Organized as a regiment, October 23, 1917 (S. O. 257, A. G. O.).

Company I, Elmford, attached November 22, 1917 (G. O. 58, A. G. O.); and transferred to 69th Infantry, New York Guard, December 22, 1917 (G. O. 64, A. G. O.). Companies at Sloatsburg, Spring Valley and Suffern, transferred to 1st Infantry, November 14, 1917 (S. O. 239, A. G. O.).

Mustered into the New York Guard, as follows:

Companies A, B, C, and D, September 14, 1917; Company E, November 27, 1917; Company F, October 23, 1917; Company G, November 16, 1917; Company H, November 23, 1917; Machine Gun Company, November 27, 1917; Headquarters Company, November 30, 1917; Company K, January 4, 1918; Company L, January 25, 1918; Company M, February 19, 1918; Company I, March 1, 1918; Sanitary Detachment, March 23, 1918.

Recognized by War Department: Companies A, D and E, June 30, 1919; Machine Gun Company and Company B, August 7, 1919; Companies C and F, October 24, 1919; Company H, November 11, 1919; Company I, November 23, 1919; Sanitary Detachment, December 5, 1919; Supply Company and Company K, December 16, 1919; Company L, December 26, 1919.

The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.— Alexandria, Va., May 24, 1861; Aquia Creek, Va., May 31, 1861; Matthis Point, Va., June 27, 1861; Bull Run, Va., July 21, 1861; Tenallytown, D. C., 1862; Washington, D. C., 1862; Gettysburg campaign, 1863; Kingston, Pa., June 23, 1863; near Harrisburg, Pa., June 29, 1863; Spanish-American War, 1898; Cuba, June, July and August, 1898; San Juan Hill, July 1, 1898; Siege of Santiago de Cuba, July 2 to 17, 1898; World War, 1917.

On the State Color.— Dead Rabbit riot, 1857; quarantine riots, 1858; draft riots, 1863; Orange riots, 1871; railroad riots, 1877; Buffalo, 1892; Brooklyn, 1895.

SEVENTY-FIRST INFANTRY — NEW YORK GUARD

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Colonel				
Wells, James Hollis, 5 oct. 17	cap. 71 N. Y. inf., 2 may 98 maj. 17 may 98 to 15 nov. 98	pvt. 7 inf. 3 mar. 91 2 lt. 71 inf. 14 dec. 92 cap. 15 june 93 lt. col. 71 inf. 4 oct. 01 a. d. c. to gov. 2 jan. 05 to 31 dec. 06 appointed member of militia council. 28 july 11 term expired. 27 july 13 r. l. 27 june 16 act. lt. col. 71 inf. 16 mar. 17 ret. to r. l. 24 mar. 17 bvt. col. 24 mar. 17 to 71 inf. d. b. 30 mar. 17 col. 71 inf. 5 oct. 17 accepted. 12 oct. 17	Eng. 3 aug. 64
Lieutenant Colonel				
Eben, James, 21 nov. 18 Graduate Garrison Schools, 1915.	mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 30 mar. 17 dis., p. d. 29 dec. 17	pvt. corp., Co. B, 71 inf., trs. 171. 12 jan. 92 to 3 june 98 2 lt. 8 june 98 resigned to return to co. B, 71 inf. as corp. 12 jan. 99 2 lt. 17 may 00 1 lt. 30 aug. 00 bat. adj. 71 inf. with o. r. 28 dec. 06 cap. 71 inf. 15 apr. 09 accepted. 20 apr. 09 maj. 30 apr. 17 accepted. 1 may 17 dft. 5 aug. 17 r. l. 2 dec. 18 lt. col. 71 inf. 21 nov. 18 accepted. 5 dec. 18 state arsenal. 3 dec. 18 to 15 oct. 19	N. Y. 9 apr. 71

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors</i>				
Lyon, John Wesley, 11 oct. 17	.....	mustered into u. s. ser. 27 June 16 out 6 oct. 16	pvt. co. B, 71 inf., tra. co. B, 171 inf. 11 feb. 95 to 3 June 98 2 lt. 171 inf. 3 June 98 supn. 3 Jan. 99 pvt., qm. sgt., co. B, 71 inf. 7 apr. 99 to 29 mar. 04 2 lt. 71 inf. 29 mar. 04 1 lt. 12 mar. 07 cap. 16 July 07 r. l. 7 mar. 17 maj. 71 inf. 11 oct. 17 accepted 15 oct. 17	N. Y. 20 Jan. 68
Wager, Burton Gale, 22 nov. 17	.....	corp., sgt., 1 sgt., co. E, 71 N. Y. inf., 2 May 98 to 15 nov. 98	pvt., corp., sgt., 1 sgt. co. E, 71 inf. 22 apr. 97 to 19 apr. 04 1 lt. 71 inf. 19 apr. 04 r. l. 6 July 16 cap. 71 inf. 11 oct. 17 maj. 71 inf. 22 nov. 17 accepted 24 nov. 16	N. Y. 2 sep. 68
Kuehnle, Frederick C., 26 sep. 18	m. g. co.	pvt., corp., co. D, 71 N. Y. inf. 2 May 98 to 15 nov. 98 mustered into u. s. ser. 26 June 16 out 6 oct. 16 into 30 mar. 17 resigned. 31 aug. 17	pvt., corp., co. D, 71 inf. 1 June 97 to 27 sep. 01 2 lt. 27 sep. 01 1 lt. 71 inf. 11 feb. 07 supn., reassigned. 21 Jan. 08 2 lt. 71 inf. 7 feb. 08 1 lt. 16 May 17 dft. 5 aug. 17 r. l. 5 oct. 17 cap. 71 inf. 26 oct. 17 major. 26 sep. 18 accepted 5 oct. 18 1 prov. regt. 25 nov. 17 relieved 12 Jan. 19	Ger. 21 June 73
<i>Captains</i>				
Robertson, Ellis Adelbert, 31 mar. 17	hqr. co.	sgt. co. E, 203 N. Y. inf. 11 July 98 to 25 mar. 99 mustered into u. s. ser. 27 June 16 out 6 oct. 16 into 30 mar. 17 cap. 54 pion. inf., 15 July 19 hon. dis. 15 July 19	pvt. 39 sep. co. 12 Jan. 97 to 15 apr. 99 pvt., sgt. 39 sep. co. 23 sep. 98 pvt., corp., sgt. co. G, 71 inf. 24 oct. 99 to 15 Jan. 02 2 lt. 71 inf. 2 aug. 09 1 lt. 4 apr. 16 cap. 31 mar. 17 accepted 7 apr. 17 dft. 5 aug. 17 cap. 71 inf. 7 aug. 19 cap. 71 inf. N. Y. N. G. 19 dec. 19 accepted 19 dec. 19	N. Y. 4 feb. 79
Orsenigo, Eugene Joseph, 11 oct. 17	E	mustered into u. s. ser. 10 July 16 dis. 18 aug. 16	pvt. co. G, 71 inf., tra. co. H, corp., sgt. 8 May 06 to 25 May 14 2 lt. 71 inf. 25 May 14 accepted 26 May 14 r. l. 31 May 17 to 71 inf. 16 June 17 cap. 71 inf. 11 oct. 17 accepted 12 oct. 17 cap. 71 inf. N. Y. N. G. 30 June 19 accepted 25 July 19	So. Am. 16 May 87

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains — Continued				
Groff, Frank Fisher, 11 oct. 17	sup. off.	mustered into u. s. ser. 26 june 16 out 6 oct. 16	pvt. co. M, 71 inf. 30 dec. 07 to 9 june 08 2 lt. 71 inf. 9 june 08 resigned. 21 feb. 17 r. l. 30 mar. 17 to 71 inf. 30 mar. 17 cap. 71 inf. 11 oct. 17 accepted. 12 oct. 17 cap. 71 inf. N. Y. N. G. 30 june 19 accepted. 25 july 19	N. J. 12 nov. 83
Morris, George David, 11 oct. 17	F	.....	cap. 71 inf. 11 oct. 17 accepted. 16 oct. 17	N. Y. 8 aug. 76
Perley, Henry Clay, 26 oct. 17	adj.	mustered into u. s. ser. 26 june 16 hon. dis. 19 july 16	pvt. 11 sep. co. 7 jan. 90 trs. co. G, 7 inf. 24 mar. 91 corp. 15 dec. 92 hon. dis. 7 jan. 97 pvt. co. G, 7 inf. 27 mar. 99 corp. 31 mar. 04 2 lt. 11 sep. co. 15 mar. 07 1 lt. 10 inf. 25 may 11 resigned. 11 july 14 pvt. co. M, 71 inf. 11 july 14 bat. agt. maj. 25 june 16 r. l. 13 july 16 cap. 71 inf. 26 oct. 17 accepted. 2 nov. 17	N. Y. 29 may 69
Hart, George C., 1 nov. 17	L	agt. co. L, 3 N. Y. v., 17 may 98 out 30 nov. 98 cap. inf., d. b., 1 nov. 17 cap. 309 m. g. bat., 1 jan. 18 hon. dis. 26 nov. 19	pvt. co. L, 3 inf. 12 sep. 93 corp. 13 oct. 96 agt. 18 feb. 99 bat. agt. maj. 26 sep. 02 full and hon. dis. 15 feb. 12 pvt. co. G, 71 inf. 12 mar. 12 bat. agt. maj. 30 july 12 2 lt. 71 inf. 22 dec. 13 accepted. 23 dec. 15 full and hon. dis. 19 may 16 cap. 71 inf. 4 dec. 19 cap. 71 inf., N. Y. N. G. 26 dec. 19 accepted. 26 dec. 19	N. Y. 15 sep. 64
Bleecker, Anthony J., 22 nov. 17	I	cap. 71 N. Y. v., 10 may 98 must. out. 15 nov. 98	2 lt. 71 inf. 10 sep. 94 1 lt. 2 oct. 95 cap. 25 oct. 96 maj. 28 feb. 05 full and hon. dis. 10 apr. 07 cap. 71 inf. 22 nov. 17 accepted. 26 nov. 17	N. Y. 15 sep. 64
Russell, George W., Jr., 22 nov. 17	H	.....	cap. 71 inf. 22 nov. 17 accepted. 26 nov. 17 pvt. co. D, 71 inf. N. Y. N. G. 22 july 19 hon. dis. 3 dec. 19 cap. 71 inf. N. Y. N. G. 11 nov. 19 accepted. 4 dec. 19	Africa 1 may 61
Keener, Ashley M., 24 dec. 17 reserve list. 14 jan. 19	C	.....	1 lt. 71 inf. 11 oct. 17 accepted. 16 oct. 17 1 prov. regt. 24 sep. 18 relieved. 12 jan. 19	N. J. 15 may 82

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Hanford, Arthur Judson, 24 dec. 17 reserve list.... 2 apr. 19	K	.....	pvt. 1 sep. co. 14 sep. 99 corp. 14 July 03 to ranks. 1 dec. 05 dropped. 7 feb. 06 cap. 71 inf. 24 dec. 17 accepted. 26 dec. 17	N. Y. 24 July 81
Bates, John Grenville, 12 jan. 18	D	.....	1 lt. 71 inf. 20 nov. 17 cap. 12 jan. 18 lt. col. 18 July 18 accepted. 22 July 18 hon. dis. 6 nov. 18 cap. 71 inf. 28 dec. 18 cap. 71 inf. N. Y. N. G. 30 June 19 accepted. 25 July 19	N. Y. 20 aug. 80
Wether, Richard C., 4 June 18	B	.....	co. E, 7 regt. 3 feb. 05 full and hon. dis. 17 mar. 11 1 lt. 71 inf. 28 feb. 18 cap. 71 inf. 4 June 18 accepted. 4 June 18 pvt. co. B, 71 inf. 27 June 19 hon. dis. 6 aug. 19 cap. 71 inf., N. Y. N. G. 7 aug. 19 accepted. 7 aug. 19	N. Y. 12 June 82
Byers, John M., 27 July 18 reserve list.... 2 dec. 19	L	.....	pvt. co. C, 23 inf. 20 mar. 93 corp. 18 mar. 95 full and hon. dis. 21 nov. 98 2 lt. 71 inf. 24 dec. 17 1 lt. 4 June 18 cap. 27 July 18 accepted. 30 July 18	N. Y. 18 nov. 72
Scovil, Charles B., 21 aug. 18 reserve list.... 17 dec. 19	chap.	.....	cap. 71 inf. 21 aug. 18 accepted. 24 aug. 18	L. I. 10 nov. 86
Boynton, Claude W., 14 oct. 18	sup. co.	co. K, 71 N. Y. v., 10 may 98 out 15 nov. 98	pvt. co. K, 71 inf. 3 July 95 corp. 6 mar. 00 full and hon. dis. 29 sep. 03 1 lt. 71 inf. 2 Jan. 18 cap. 14 oct. 18 accepted. 29 oct. 18	Pa. 6 mar. 77
Towle, Harold L., 25 oct. 18	m. g. co.	.....	2 lt. 71 inf. 17 Jan. 18 1 lt. 2 Oct. 18 cap. 25 Oct. 18 accepted. 31 Oct. 18 pvt. m. g. co. 71 inf., N. Y. N. G. 27 June 19 hon. dis. 8 Aug. 19 cap. 71 inf., N. Y. N. G. 9 Aug. 19 accepted. 9 Aug. 19	N. Y. 30 aug. 90
Hall, Henry M., 25 nov. 18	I	.....	2 lt. 71 inf. 14 Jan. 18 1 lt. 19 June 18 cap. 25 Nov. 18 accepted. 29 Nov. 18 pvt. co. A, 71 inf., N. Y. N. G. 23 Oct. 19 hon. dis. 17 Dec. 19 cap. 71 inf., N. Y. N. G. 28 Nov. 19 accepted. 18 Dec. 19	N. Y. 1 Apr. 77

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Kellogg, J. Prentice, 11 feb. 19 died 10 apr. 19	C	cap. m. t. ops., 1 nov. 18 hon. dis. . . 10 jan. 19	1 lt. 71 inf. 11 dec. 17 cap. 11 sep. 18 accepted. 13 sep. 18 hon. dis. 20 nov. 18 cap. 71 inf. 11 feb. 19 accepted. 11 mar. 19	N. Y. 29 jan. 78
Palmer, Embury A., 7 mar. 19 reserve list. . . 23 oct. 19	M	.....	1 lt. 71 inf. 23 nov. 17 cap. 7 mar. 19 accepted. 10 mar. 19	N. J. 27 aug. 79
Firth, William De La Mater, 12 July 19	G	mustered into u. s. ser. 26 June 16 out 6 Oct. 16	pvt. co. G, 71 inf. 30 sep. 99 hon. dis. 28 Jan. 08 pvt., corp., sgt., co. D, 71 inf. 25 June 12 to 15 May 15 2 lt. 15 May 15 resigned. 26 Feb. 17 r. l. 2 lt. 11 May 17 duty with depot bat. 71 inf. 16 June 17 resigned. 24 Aug. 17 1 lt. 71 inf. 24 Dec. 17 cap. 24 Jan. 18 accepted. 25 Jan. 18 r. l. 18 Apr. 19 cap. 71 inf. 12 July 19 cap. 71 inf., N. Y. N. G. 11 Oct. 19 accepted. 16 Oct. 19	N. Y. 10 Aug. 78
Dreher, Ernest Carl, 23 Aug. 19 Distinguished Graduate, N. Y. School of the Line, 1915.	C	mustered into u. s. ser. 27 June 16 out 6 Oct. 16 into 30 Mar. 17 1 lt. 105 inf., hon. dis. . . 1 Apr. 19	pvt., corp., sgt. h. e. 8 inf. 4 Dec. 03 hon. dis. 17 Dec. 09 seaman, gunner's mate, 2 class, pay- master's yeoman, 1 div. 1 bat. N. M. . . 20 Dec. 09 hon. dis. 6 Jan. 13 2 lt. 71 inf. 21 Feb. 14 1 lt. 28 Dec. 14 accepted. 7 Jan. 15 dft. 5 Aug. 17 cap. 71 inf. 23 Aug. 19 cap. 71 inf., N. Y. N. G. 20 Nov. 19 accepted. 28 Nov. 19	N. Y. 25 Oct. 88
Lovell, Frederic Kuresyn, 22 Oct. 19 Honor Graduate, N. Y. School of the Line, 1915.	M	mustered into u. s. ser. 27 June 16 out 6 Oct. 16 into 30 Mar. 17 1 lt. 105 inf., 10 Oct. 17 to gen. staff, 23 Aug. 18 hon. dis. . . 23 Sep. 19	pvt., corp., sgt., co. K, 71 inf. 28 Aug. 06 to 9 Aug. 13 2 lt. 9 Aug. 13 1 lt. 20 Sep. 15 accepted. 21 Sep. 15 dft. 5 Aug. 17 r. l. 14 Oct. 19 cap. 71 inf. 22 Oct. 19 accepted. 25 Oct. 19	N. Y. 14 July 83
First Lieutenants				
Lawson, Robert S. O., 18 Oct. 17	bat. adjt.	.....	pvt. f. m. 71 inf. 31 May 04 f. and h. dis. 8 Dec. 14 re-enlisted. 8 Dec. 14 hon. dis. 10 Dec. 15 re-enlisted. 10 Dec. 15 drum major. 13 July 15 trs. to d. b. 16 June 16 1 lt. 71 inf. 18 Oct. 17 accepted. 23 Oct. 17	Scot. 7 Jan. 83

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
First Lieutenants—Cont'd				
Rehm, George Nicholas, 9 nov. 17 hon. dis. 26 mar. 19	D	.....	2 lt. 71 inf. 11 oct. 17 1 lt. 9 nov. 17 accepted. 13 nov. 17 1 prov. regt. 15 oct. 18 relieved. 12 jan. 19	
Gaillard, William E. G., 24 jan. 18	bat. adj.	.....	2 lt. 71 inf. 24 dec. 17 1 lt. 24 jan. 18 accepted. 1 feb. 18	Kan. 1 mar. 77
Perrin, Howell C., 24 jan. 18 reserve list.... 14 jan. 19	G	.....	2 lt. 71 inf. 9 nov. 17 1 lt. 24 jan. 18 accepted. 25 jan. 18	N. Y. 26 nov. 74
Eagle, Henry, 7 mar. 18 reserve list.... 2 apr. 19	H	.....	2 lt. 71 inf. 12 jan. 18 1 lt. 7 mar. 18 accepted. 9 mar. 18	N. Y. 7 july 90
Eben, Lambert L., 27 july 18		mustered into u. s. ser. 2 may 98 out 15 nov. 98 co. B, 71 N. Y. v.	pvt. co. B, 71 inf. 23 feb. 98 2 lt. 71 inf. 24 jan. 18 1 lt. 27 july 18 accepted. 30 july 18	N. Y. 29 july 79
Godwin, Victor, 20 aug. 18 reserve list.... 18 apr. 19	asst. i. s. o. p.	.....	pvt. co. G, 71 inf. 2 nov. 17 agt. 27 aug. 18 1 lt. 71 inf. 20 aug. 18 accepted. 27 aug. 18	N. Y. 26 july 82
Gandolfo, Joseph H., 28 aug. 18 reserve list.... 8 nov. 19	C	.....	pvt. co. C, 71 inf. 11 sep. 17 1 agt. 18 jan. 18 2 lt. 71 inf. 18 jan. 18 1 lt. 28 aug. 18 accepted. 30 aug. 18	N. Y. 14 june 76
Barrell, Joseph E., 17 sep. 18	I	mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 18 july 17 1 lt. 105 inf. 17 sep. 18 hon. dis. ... 1 apr. 19	pvt. co. F, 71 inf. 13 nov. 14 agt. 26 feb. 15 1 agt. 29 nov. 15 2 lt. 71 inf. 4 apr. 17 accepted. 6 apr. 17 dft. 5 aug. 17 1 lt. 71 inf. 7 aug. 19 1 lt. 71 inf., N. Y. N. G. 28 nov. 19 accepted. 15 jan. 20	Pa. 22 dec. 89
Clark, Lawrence P., 17 sep. 18	I	mustered into u. s. ser. 27 june 16 out 6 oct. 16 into 11 june 11	pvt. co. I, 71 inf. 28 apr. 14 corp. 22 july 16 agt. 2 aug. 16 1 agt. 21 dec. 16 2 lt. 6 june 17 accepted. 7 june 17 dft. 5 aug. 17 1 lt. 71 inf. 8 oct. 19 accepted. 10 oct. 19	N. Y. 14 apr. 93
Hinman, Bert A., 3 dec. 18 reserve list.... 18 apr. 19	B	pvt. co. H., Ind. batt., 7 june 97 hon. dis. ... 6 june 98 pvt. co. L, Mich. vol., 26 apr. 98 hon. dis. ... 9 nov. 98 pvt. co. K, 1 inf. Mich. N. G., 22 oct. 99 hon. dis. ... 21 apr. 00	pvt. co. B, 69 inf. 4 jan. 08 1 agt. 19 feb. 08 1 agt. 1 nov. 07 regt. qm. agt. 13 dec. 09 hon. dis. 4 jan. 11 pvt. tr. B. 4 jan. 11 corp. 6 may 12 agt. 18 july 12 dis. 5 dec. 12 pvt. co. G. 16 nov. 17 1 agt. 14 dec. 17 2 lt. 71 inf. 24 jan. 18 1 lt. 71 inf. 3 dec. 18 accepted. 6 dec. 18	N. Y. 17 may 76

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Cont'd</i>				
Firmes, George A., 3 dec. 18	A	mustered into u. s. ser..... 26 June 18 out 6 oct. 16	pvt. co. D, 71 regt. . . . 27 June 06 corp. 22 mar. 10 full and hon. dis. . . . 29 dec. 14 re-enlisted. 26 Jan. 15 sgt. 8 June 15 full and hon. dis. . . . 30 June 17 pvt. m. g. co. 71 inf. . . 2 nov. 17 2 lt. 71 inf. 15 July 18 1 lt. 3 dec. 18 accepted. 20 dec. 18	N. Y. 27 June 86
Prum, John A. H., 4 dec. 18	F		pvt. co. E, 71 inf. . . . 19 sep. 17 sgt. 4 jan. 18 1 sgt. co. H. 17 may 18 2 lt. 28 aug. 18 1 lt. 71 inf. 4 dec. 18 1 lt. 71 inf., N. Y. N. G. 20 nov. 19 accepted. 22 nov. 19	N. Y. 11 dec. 81
Eben, Leon A., 18 dec. 18	E	mustered into u. s. ser..... 19 June 16 out 10 oct. 16 into 30 mar. 17 2 lt. 105 inf., 1 June 17 hon. dis. . . . 15 may 18 e. o. t. s. . . . 22 aug. 18 to 27 nov. 18	pvt. co. B, 71 inf. . . . 14 may 07 corp. 10 dec. 09 full and hon. dis. . . . 25 June 12 re-enlisted, co. E. . . . 20 feb. 14 corp. 1 may 14 sgt. 31 jan. 16 1 sgt. 20 mar. 17 2 lt. 71 inf. 22 may 17 dft. 5 aug. 17 1 lt. 71 inf. 18 dec. 18 1 lt. 71 inf., N. Y. N. G. 30 June 19 accepted. 25 July 19	N. Y. 31 July 86
Buckner, William P. 18 dec. 18 f. and h. dis. . . 16 apr. 19			pvt. co. H, 7 inf. . . . 13 nov. 01 full and hon. dis. . . . 1 oct. 07 re-enl. co. H, 7 inf. . . . 21 mar. 10 full and hon. dis. . . . 15 June 16 pvt. co. H, 7 inf. . . . 13 nov. 17 sgt. co. H. 2 lt. 71 inf. 10 apr. 18 1 lt. 18 dec. 18 accepted. 20 dec. 18	Mo. 10 July 78
Disbrow, Samuel C., 21 dec. 18 reserve list. . . 30 sep. 19	I		pvt. co. K, 7 inf. . . . 25 mar. 13 2 lt. 7 inf. 27 mar. 18 hon. dis. 12 nov. 18 1 lt. 71 inf. 21 dec. 18 accepted. 14 jan. 19	N. Y. 12 dec. 88
Stickles, Lester D., 23 dec. 18	D		pvt. co. B, 71 inf. . . . 22 may 17 1 sgt. 2 lt. 71 inf. 18 oct. 17 1 lt. 11 June 18 accepted. 13 June 18 hon. dis. 12 nov. 18 r. l. 19 dec. 18 det. to 71 inf. 23 dec. 18 1 lt. 71 inf. 19 mar. 19 1 lt. 71 inf., N. Y. N. G. 30 June 19 accepted. 25 July 19	N. Y. 28 nov. 95
Holsderber, Charles P., 28 dec. 18 reserve list. . . 17 sep. 19	m. g. co.		1 lt. 71 inf. 28 dec. 18 accepted. 4 Jan. 19	N. Y. 12 apr. 96

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Concluded</i>				
Hahlo, Jack G., 3 feb. 19	m. g. co.		pvt. co. G, 71 inf. 26 feb. 18 sgt. 15 mar. 18 2 lt. qm. cps. 7 aug. 18 2 lt. 71 inf. 26 sep. 18 1 lt. 3 feb. 19 1 lt. 71 inf., N. Y. N. G. 7 aug. 18 accepted 7 aug. 19	N. Y. 5 feb. 85
Meinke, John H., 24 may 19 reserve list. . . . 30 june 19	H		2 lt. 71 inf. 14 mar. 18 1 lt. 24 may 19 accepted 24 may 19	N. Y. 22 sep. 88
Braden, John N., 12 july 19 reserve list. . . . 1 oct. 19	m. g. co.	pvt. m. c. . . . 13 sep. 18 hon. dis. . . . 4 jan. 19	2 lt. 71 inf. 20 oct. 17 1 lt. 7 feb. 18 hon. dis. 4 oct. 18 2 lt. 71 inf. 4 mar. 19 1 lt. 12 july 19 accepted 15 july 19 1 prov. regt. 25 nov. 17 relieved 14 sep. 18	N. Y. 31 oct. 92
Lilienthal, John Christopher, 12 july 19	B		pvt. co. H, 71 inf. . . . 17 apr. 06 full and hon. dis. . . . 13 nov. 13 2 lt. 71 inf. 15 nov. 17 1 lt. 12 july 19 pvt. co. B, 71 inf. . . . 27 june 19 hon. dis. 18 aug. 19 1 lt. 71 inf., N. Y. N. G. 7 aug. 19 accepted 19 aug. 19	S. C. 18 mar. 84
Bleecker, Anthony L., 23 aug. 19	H	Mass. vol. mil., 2 inf., nov. 11, 1915, to may 10, 1916. mustered into u. s. ser. 26 june 16 out 6 oct. 16 2 lt. c. a. c., 2 aug. 17 1 lt. 9 aug. 17 cap. 15 jan. 18 hon. dis. . . . 11 aug. 19	pvt. co. K, 7 inf. . . . 31 may 12 dropped 15 oct. 15 taken up 26 june 16 hon. dis. 15 jan. 17 1 lt. 71 inf. 23 aug. 19 1 lt. 71 inf., N. Y. N. G. 19 nov. 19 accepted 19 nov. 19	N. Y. 5 nov. 93
O'Connor, Kevney, 24 sep. 19	C	mustered into u. s. ser. 27 june 16 out 6 oct. 16 into 30 mar. 17 hon. dis. . . . 1 apr. 19	pvt. co. D, 71 inf. . . . 3 mar. 10 corp. 14 nov. 13 2 lt. 71 inf. 5 may 17 accepted 9 may 17 dft. 5 aug. 17 1 lt. 71 inf. 24 sep. 19 1 lt. 71 inf., N. Y. N. G. 20 nov. 19 accepted 3 dec. 19	N. Y. 13 nov. 90
Geis, Robert J., 26 sep. 19	G	mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 30 mar. 17 hon. dis. from 105 inf. 1 apr. 19	pvt. co. F, 71 inf. . . . 19 jan. 09 dis. 17 nov. 11 pvt. co. I, 71 inf. . . . 18 nov. 14 corp. 24 mar. 16 sgt. 4 july 16 dft. 5 aug. 17 1 lt. 71 inf. 26 sep. 19 1 lt. 71 inf. N. Y. N. G. 11 oct. 19 accepted 15 oct. 19	N. Y. 16 mar. 90

SEVENTY-FIRST INFANTRY, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Second Lieutenants				
Canterbury, Arthur F., 11 aug. 17			pvt. co. A, 71 regt. 8 nov. 80 corp. 23 may 93 trans. hosp. cps. 20 dec. 93 corp. 23 feb. 97 sgt. 12 apr. 98 trans. 171 regt. 4 may 98 sgt. 21 june 98 hosp. cps. 71 regt. 6 oct. 98 hon. dis. 2 oct. 00 pvt. 71 regt. 24 mar. 03 sgt. 14 apr. 03 qm. sgt. 19 feb. 04 qm. sgt. 23 mar. 06 1 lt. 71 regt. 12 mar. 07 supn. and reassigned. 21 jan. 08 2 lt. 71 inf. 7 feb. 08 full and hon. dis. 16 apr. 14 r. l. 4 may 17 2 lt. 71 inf. 1 feb. 18 accepted 8 feb. 18	N. Y. 19 oct. 71
Brokaw, George Tuttle, 11 dec. 17 reserve list. 3 mar. 19	E	v. c. a. 4 june 17	pvt. 9 c. a. c. 8 oct. 17 sgt. 14 nov. 17 2 lt. 71 inf. 11 dec. 17 accepted 14 dec. 17	N. Y. 79
Duffy, Charles G., 7 aug. 18 reserve list. 25 aug. 19			pvt. 3 batty., N. G. 5 oct. 03 dropped. 25 mar. 07 pvt. co. E, 71 inf. 24 oct. 17 corp. sgt. 2 lt. 71 inf. 7 aug. 18 accepted 17 aug. 18	Ireland 82
Hoffman, Arthur J., 25 sep. 18	G	mustered into u. s. ser. 26 june 16 out 6 oct. 16 into 30 mar. 17 2 lt. 313 sup. tr., 25 sep. 18 hon. dis. 3 july 19	pvt. co. D, 71 inf. 14 apr. 16 dft. 5 aug. 17 2 lt. 71 inf. 17 sep. 17 2 lt. 71 inf., N. Y. N. G. 11 oct. 19 accepted 16 oct. 19	Penn.
Le Dour, James, 26 sep. 18 hon. dis. 19 feb. 19	m. g. co.	27 u. s. v. 22 june 99 corp. 2 nov. 99 f. and h. dis., 4 feb. 01 Mex. border service, must. in. 27 june 16 out 16 oct. 16 into 29 mar. 17	pvt. co. L, 71 inf. 22 june 16 dis. 16 july 17 pvt. co. L. 26 dec. 17 corp. 16 july 18 mess sgt. 1 aug. 18 2 lt. 71 inf. 26 sep. 18 accepted 1 oct. 18	N. Y. 27 feb. 76
Cook, Le Roy, 18 dec. 18	L		pvt. co. L, 71 inf. 2 nov. 17 corp. 15 feb. 18 sgt. 9 apr. 18 1 sgt. 23 july 18 2 lt. 71 inf. 18 dec. 18 2 lt. 71 inf., N. Y. N. G. 26 dec. 19 accepted 26 dec. 19	Minn. 24 feb. 84
Hollingsworth, William A., 18 dec. 18 hon. dis. 2 apr. 19	F		pvt. co. F, 71 inf. 2 apr. 18 sgt. 19 june 18 1 sgt. 30 july 18 2 lt. 71 inf. 18 dec. 18 accepted 20 dec. 18	Mo. 2 nov. 87

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Continued</i>				
Rockey, Howard P., 21 dec. 18 reserve list. 26 nov. 19	F	.....	2 lt. 71 inf. 21 dec. 18 accepted. 21 dec. 18	Pa. 3 june 86
Renterahan, Alfred D., 28 dec. 18	D	.....	pvt. co. E, 71 inf. 19 sep. 17 sgt. 4 jan. 18 2 lt. 71 inf. 14 june 18 accepted. 17 june 18 hon. dis. 11 oct. 18 2 lt. 71 inf. 28 dec. 18 pvt. co. D, 71 inf., N. Y. N. G. 27 june 19 hon. dis. 18 aug. 19 2 lt. 71 inf., N. Y. N. G. 7 aug. 19 accepted. 19 aug. 19	N. Y. 6 may 97
Carter, Raymond, 28 dec. 18 hon. dis. 19 mar. 19	B	.....	pvt. co. B, 71 inf. 30 apr. 18 2 lt. 71 inf. 28 dec. 18 accepted. 3 jan. 19	Ill. 2 apr. 80
Martens, Charles C., 19 june 19	E	mustered into u. s. ser. 27 june 18 out 2 oct. 16	pvt. co. H, 71 inf. 28 nov. 11 corp. 28 jan. 13 hon. dis. 15 mar. 15 re-enl. and warrant con. sgt. hon. dis. 13 dec. 16 pvt. co. E, 71 inf. 15 apr. 19 2 lt. 71 inf. 19 june 19 2 lt. 71 inf., N. Y. N. G. 30 june 19 accepted. 25 july 19	N. Y. 10 jan. 91
Lounsbury, George I., 7 aug. 19	K	mustered into u. s. ser. 26 june 18 out 6 oct. 16 into 30 mar. 17 1 agt. co. B, 54 pio- neer inf. 5 jan. 18 hon. dis. 1 july 19	pvt. co. K, 71 inf. 1 dec. 09 corp. 12 apr. 12 full and hon. dis. 3 mar. 15 re-enl. and warrant con. agt. 1 dec. 15 dft. 5 aug. 17 2 lt. 71 inf. 7 aug. 19 2 lt. 71 inf., N. Y. N. G. 28 nov. 19 accepted. 28 nov. 19	N. Y. 21 sep. 91
Rundlett, Nelson S., 17 oct. 19	m. g. co.	pvt. 1 cl. air service, 27 feb. 18 2 lt. air service, 25 july 18 hon. dis. 11 jan. 19	pvt. co. M, 7 inf. 4 mar. 15 dpd. 25 june 16 2 lt. 71 inf., N. Y. N. G. 17 oct. 19 accepted. 18 oct. 19	Me. 22 mar. 90
Beam, Howard C., 17 oct. 19	m. g. co.	.....	pvt., corp., agt., m. g. co. 71 inf. 14 june 18 to 5 june 19 1 agt. 6 june 19 pvt. m. g. co. 71 inf., N. Y. N. G. 27 june 19 warrant continued. hon. dis. 19 oct. 19 2 lt. 71 inf., N. Y. N. G. 17 oct. 19 accepted. 20 oct. 19	N. J. 14 feb. 92
Greene, John D., 22 oct. 19	H	2 lt. 340 inf., 15 aug. 17 1 lt. 3 dec. 17 hon. dis. 25 july 19	2 lt. 71 inf. 22 oct. 19 2 lt. 71 inf., N. Y. N. G. 11 nov. 19 accepted. 9 dec. 19	Conn. 17 apr. 95

SEVENTY-FIRST INFANTRY — NEW YORK GUARD — (*Concluded*)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- cluded</i>				
Gross, Charles, 20 nov. 19	F	.....	pvt. co. F, 71 inf. 2 oct. 17 1 sgt. 24 dec. 18 hon. dis. 18 sep. 19 pvt. co. G, 71 inf., N. Y. G. 19 sep. 19 2 lt. 71 inf., N. Y. N. G. 20 nov. 19 accepted. 25 nov. 19	N. Y. 22 oct. 97
Grendle, Frank A., 9 dec. 19	A	.....	pvt. co. A, 71 inf. 14 sep. 18 1 sgt. 17 june 19 2 lt. 71 inf., N. Y. N. G. 9 dec. 19 accepted. 12 dec. 19	Mass. 24 july 92
Knowles, Lewis N., 10 dec. 19	K	civ sec. 27 dec. 17 corp. 23 apr. 18 hon. dis. 28 nov. 19	pvt. 6 co. 8 c. d. e. 28 feb. 19 1 sgt. 2 june 19 1 lt. 71 inf. 10 dec. 19 1 lt. 71 inf., N. Y. N. G. 16 dec. 19 accepted. 16 dec. 19	Del. 9 dec. 98

SEVENTY-FOURTH INFANTRY, N. Y. G.

(Fourth Brigade)

Headquarters, 184 Connecticut Street, Buffalo

Reorganized November 22, 1917, G. O. 58, A. G. O., to include all infantry units mustered into the New York Guard from the counties of Niagara, Erie, Chautauqua, Cattaraugus, Wyoming, Genesee and Olean. By same order Companies F and I, 3d Infantry, were transferred to this regiment. Company E, 3d Infantry, was attached by S. O. 271, A. G. O., October 24, 1917, and designated Company L.

Mustered into the New York Guard on dates as follows: Companies A, B, C and D, November 14, 1917; Company E, Jamestown, October 16, 1917; Company F, Medina, November 30, 1917; Company G, Niagara Falls, November 7, 1917; Company H, Niagara Falls, October 29, 1917; Company I, Olean, November 12, 1917; Company K, Tonawanda, November 26, 1917; Company L, Niagara Falls, November 7, 1917; Company M, East Aurora, November 26, 1917; Company N, Albion, December 24, 1917; Company S, Salamanca, October 16, 1917; Companies T, U, V and Y, March 11, 1918; Company W, Warsaw, March 19, 1918; May 24, 1918 (G. O. 26, A. G. O.); Companies E, I, M, S and W, were detached and attached to the 65th Infantry, N. Y. G.

August 1, 1919 (G. O. 21, A. G. O.), the following changes were made: Company F, Medina, was transferred to the 3rd Infantry, N. Y. G.; Company E, to be Company F, Buffalo; Company G, to be Company I, Niagara Falls; Company H, to be Company M, Niagara Falls; Company I, to be Company G, Buffalo; Company M, to be Company H, Buffalo; Company E, 65th Infantry, to be Company E, Jamestown; Company I, 65th Infantry, to be Company N, Olean; Company M, 65th Infantry, to be Company O, East Aurora. Authorized to organize a Machine Gun Company, Buffalo.

Mustered out

Company N, Albion, November 6, 1919; Company T, Buffalo, October 15, 1919. The regiment has received authority to place silver rings on the lances of its colors, engraved as follows:

On the National Color.—Gettysburg campaign, 1863; Buffalo, November and December, 1863; World War, 1917.

On the State Color.—Draft riots, 1863; negro riot, 1864; Fenian invasion of Canada, 1866; Hornellsville, 1877; Buffalo, 1892.

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Colonel</i>				
Sidway, Frank S., 11 aug. 19	cap. co. C, 292 N. Y. vols..... 5 july 98 to 15 apr. 99	2 lt. co. B, 74 inf..... 1 mar. 94 1 lt. co. B, 74 inf..... 6 mar. 05 cap..... 23 nov. 9 resigned..... 1 oct. 02 maj. d. b., 74 inf..... 10 july 11 con. dia..... 13 dec. 16 lt. col. 74 inf..... 6 dec. 17 col..... 11 aug. 19 accepted..... 12 aug. 19	N. Y. 5 dec. 69
<i>Lieutenant Colonel</i>				
Horton, James Royal, 23 aug. 19		pvt. co. G, 74 inf..... 27 mar. 06 corp..... 16 mar. 01 2d..... 17 jan. 02 2 lt. 74 inf..... 22 dec. 04 1 lt..... 18 aug. 06 resigned..... 7 feb. 11 cap. 74 inf..... 8 oct. 12 resigned..... 21 oct. 14 cap. 74 inf..... 19 oct. 17 major..... 6 dec. 17 lieut. col..... 23 aug. 19 accepted..... 30 aug. 19	N. Y. 16 jan. 84
<i>Majors</i>				
MacBean, Hector W., 20 dec. 17	cap. 3 N. Y. V., 17 may 98 to 6 dec. 98	pvt. 42 sep. co..... 30 apr. 88 corp..... 25 feb. 92 sgt..... 5 jan. 95 1 lt..... 3 feb. 97 f. and h. dia..... 29 june 99 cap. d. b., 3 inf..... 3 aug. 16 cap. 74 inf..... 31 oct. 17 maj. 74 inf..... 20 nov. 17 accepted..... 24 dec. 17	N. Y. 1 may 64

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Majors—Concluded</i>				
Kendall, Charles Adams, 11 june 18 reserve list..... 17 nov. 19		mustered into u. s. ser..... 2 july 16 out 28 feb. 17 into 31 mar. 17 dis phys. dis., 25 sep. 17	pvt., corp., co. H, 74 inf., regt. sgt. maj. 74 inf. 11 sep. 99 to 15 mar. 04 1 lt. bat. adj. 74 inf. 15 mar. 04 cap. 24 may 12 dft. 5 aug. 17 1 lt. 74 inf. 19 oct. 17 cap. 6 dec. 17 major..... 11 june 18 accepted..... 14 june 18	Can. 30 dec. 71
Bagnall, Henry Dickson, 14 nov. 18 Graduate, Garrison Schools, 1915.		mustered into u. s. ser..... 1 july 16 out 28 feb. 17 into 31 mar. 17 cap. 108 inf. 20 oct. 17 maj. 14 nov. 18 maj. 16 inf. 4 feb. 19 hon. dis. . . 6 oct. 19	2 lt. 74 inf. 1 apr. 10 1 lt. 11 jan. 13 cap. 23 nov. 14 accepted. 24 nov. 14 dft. 5 aug. 17 r. l. 13 oct. 19 maj. 74 inf. 29 nov. 19 accepted. 4 dec. 19	N. Y. 8 feb. 85
McElroy, Wilman Wescott, 26 sep. 19			pvt. co. F, 74 inf. 19 jan. 04 corp. 25 july 04 sgt. 11 nov. 05 2 lt. 74 inf. 13 oct. 08 with rank from. 29 sep. 08 1 lt. 6 jan. 09 with rank from. 30 dec. 08 resigned. 20 oct. 14 r. l. 20 june 17 cap. 74 inf. 19 oct. 17 major..... 26 sep. 19 accepted..... 27 sep. 19	Wis. 25 dec. 80
<i>Captains</i>				
Wallace, Frank Albert, 5 aug. 16	K	pvt. co. G, 3 N. Y. Vols. 17 may 98 mustered out, 7 dec. 98	pvt. co. G, 1 bat. 28 jan. 98 corp. 22 feb. 01 sgt. 4 feb. 02 1 sgt. 16 apr. 03 full and hon. dis. 5 nov. 10 cap. d. b. 5 aug. 16 cap. 74 inf. 31 oct. 17 accepted. 5 nov. 17	N. Y. 19 sep. 79
Jokl, Alexander, 15 aug. 17	C	1 lt. inf. 11 may 17 cap. 15 aug. 17 hon. dis. 19 28 and 39 divs.	pvt. co. H, 74 inf. 2 dec. 01 to co. I. 15 jan. 06 sgt. 8 apr. 07 to ranks. 17 feb. 08 pvt. co. H, 74 inf. 8 sep. 14 corp. 30 nov. 15 dis. (o. t. c.) 3 may 17 cap. 74 inf. 19 sep. 19 accepted. 20 sep. 19	Austria. 6 dec. 82
Lowery, William B., 15 aug. 17	m. g. co.	seaman, navy. 29 sep. 08 hon. dis. as comswain, 28 sep. 12 mustered into u. s. ser..... 1 july 16 out 24 feb. 17 into 31 mar. 17 cap. 310 inf. 15 aug. 17 to 308 m. g. btn., 28 sep. 17 major..... 31 oct. 18 hon. dis. . . 15 may 19	pvt. co. F, 3 inf. 18 aug. 08 dpd. 14 dec. 08 taken up. 19 nov. 12 corp. 31 aug. 14 sgt. 1 mar. 15 f. and h. dis. 9 nov. 15 pvt. co. H, 74 inf. 16 nov. 15 corp. 8 july 16 sgt. 1 feb. 17 1 sgt. 11 may 17 dft. 5 aug. 17 cap. 74 inf. 26 dec. 19 accepted. 27 dec. 19	N. Y. 23 aug. 90

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
Captains—Continued				
Sawyer, Analew Wilcot, 19 oct. 17 f. and h. dis. 11 aug. 19	C		pvt. tr. I, 1 cav. 7 may 12 sgt. 27 dec. 12 f. and h. dis. 12 july 15 cap. 74 inf. 19 oct. 17 accepted. 22 oct. 17	N. Y. 31 july 85
Roberts, James Craig, 7 nov. 17 f. and h. dis. 6 may 19	D		pvt., corp., sgt., co. G, 74 inf. 30 aug. 05 to 5 may 10 2 lt. 74 inf. 5 may 10 1 lt. 5 apr. 11 cap. 24 dec. 12 resigned. 10 sep. 15 cap. 74 inf. 7 nov. 17 accepted. 8 nov. 17	N. Y. 17 may 76
Chormann, Henry, 16 nov. 17	H		pvt. 42 sep. co. 25 mar. 90 corp. 2 jan. 94 sgt. 16 mar. 97 1 lt. 142 sep. co. 19 july 98 supn. 17 dec. 98 assigned to duty with 1 bat. 4 oct. 99 resigned. 7 aug. 06 r. l. 3 aug. 16 duty with depot bat., 3 inf. 3 aug. 16 cap. 74 inf. 16 nov. 17 accepted. 21 nov. 17	N. Y. 17 may 76
Keller, Charles Philip, 16 nov. 17	I	mustered into u. s. ser. 5 july 16 out 5 oct. 16	pvt. 42 sep. co. 14 june 04 corp. 9 apr. 10 sgt. 20 may 12 1 agt. 8 aug. 13 f. and h. dis. 8 jan. 15 pvt. co. E, 3 inf. 22 feb. 15 bat. sgt. maj. 30 apr. 15 1 lt. 3 inf. 1 june 16 resigned. 6 feb. 17 cap. 74 inf. 16 nov. 17 accepted. 22 nov. 17 N. G. R. 1 lt. 13 mar. 19	N. Y. 11 nov. 85
Becker, Joseph William, 11 dec. 17	sup. off.		pvt. 74 inf. 1 oct. 06 corp. 22 june 08 sgt. 2 feb. 09 post qm. sgt. 13 dec. 09 dis. 14 apr. 14 1 lt. 74 inf. 19 oct. 17 cap. 11 dec. 17 accepted. 17 dec. 17	N. Y. 11 apr. 84
Mead, Harry W., 11 dec. 17	O		cap. 74 inf. 11 dec. 17 accepted. 17 dec. 17 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19	N. Y. 8 oct. 76
Raub, Herschel David, 2 jan. 18 reserve list. 5 dec. 19	N		pvt. 43 sep. co. 13 july 08 2 lt. 3 inf. 21 mar. 11 resigned. 9 mar. 14 1 lt. 74 inf. 3 aug. 16 cap. 2 jan. 18 accepted. 5 jan. 18 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19	N. Y. 28 aug. 70
Keller, Neil Henry, 2 jan. 18 hon. dis. 1 mar. 19	A		1 lt. 74 inf. 24 oct. 17 cap. 2 jan. 18 accepted. 5 jan. 18	N. Y. 19 nov. 00

SEVENTY-FOURTH INFANTRY—NEW YORK GUARD—(Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains—Continued</i>				
Johnson, Frank Abirt, 8 jan. 18 f. and h. dis. 29 aug. 19	E	1 lt. 65 N. Y. inf., 1 may 98 cap. 16 july 98 to 19 nov. 98 cap., asst. qm., U. S. vols.	pvt. 4 (now 13) sep. co. 31 aug. 80 corp. 30 oct. 82 agt. 19 dec. 82 dis., re-enlisted. 14 feb. 86 1 agt. 15 june 86 dis., re-enlisted. 26 sep. 87 dis., re-enlisted. 16 oct. 88 dis., re-enlisted. 25 may 90 2 lt. 18 feb. 92 1 lt. 5 jan. 04 brevet cap. 9 june 03 retired. 24 feb. 14 duty with 74 inf. 15 sep. 17 1 lt. 74 inf. with o. r. 19 oct. 17 cap. 8 jan. 18 accepted. 11 jan. 18 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19	N. Y. 5 nov. 58
Elbe, Max Henry, 17 jan. 18	L	agt. co. E, 3 N. Y. Vols. 17 may 98 to 30 nov. 98	pvt. 42 sep. co. 10 sep. 92 corp. 16 mar. 97 agt. 23 feb. 99 1 agt. 18 feb. 01 1 lt. 1 bat. 19 mar. 02 assigned 3 inf. 30 mar. 07 1 lt. 3 inf. with o. r. 9 aug. 07 resigned. 3 mar. 13 1 lt. 74 inf. 4 dec. 17 cap. 17 jan. 18 accepted. 18 jan. 18	N. Y. 17 sep. 71
Bannister, Frank Wells, 25 apr. 18	H	mustered into u. s. ser. 2 july 16 furloughed to reserve, 3 jan. 17 recalled. 15 july 17 dis. 17 aug. 17	pvt. co. D, 74 inf. 13 july 13 corp. 30 nov. 15 agt. 1 july 16 dis. 17 aug. 17 1 lt. 74 inf. 10 nov. 17 cap. 25 apr. 18 accepted. 29 apr. 18	D. C. 10 feb. 91
Williams, George F., 10 may 18	chap.		cap. 74 inf. 10 may 18 accepted. 13 may 18	Eng.
Gaupp, Robert C., 19 july 18	i. a. a. p.		pvt. co. F, 74 inf. 21 oct. 02 corp. 4 feb. 07 full and hon. dis. 1 june 08 cap. 19 july 18 accepted. 23 july 18	Aus- tralia 5 oct. 81
Laux, Herbert B., 6 oct. 18	D	1 lt. inf. 26 nov. 17 cap. 26 oct. 18 hon. dis. 28 mar. 19	pvt. co. F, 74 inf. 17 feb. 14 dropped. 14 oct. 15 r. l. 28 may 19 cap. 74 inf. 19 sep. 19 accepted. 20 sep. 19	N. Y. 14 dec. 90
Donnacker, Charles J., 26 oct. 18	B	mustered into u. s. ser. 2 july 16 out 24 feb. 17 into 31 mar. 17 hon. dis. — 19	pvt. co. E, 74 inf. 15 may 11 corp. 8 dec. 13 agt. 30 dec. 14 full and hon. dis. 7 june 15 2 lt. 74 inf. 22 mar. 16 1 lt. 25 nov. 16 accepted. 29 nov. 16 dft. 5 aug. 17 cap. 74 inf. 29 nov. 19 accepted. 4 dec. 19	N. Y. 5 june 93
Doebler, Herman Ulrich, 9 nov. 18 reserve list. 29 aug. 19	T		pvt. co. K, 74 inf. 22 jan. 13 corp. 25 may 14 agt. 18 dec. 14 full and hon. dis. 25 jan. 16 1 lt. 74 inf. 31 oct. 17 cap. 9 nov. 18 accepted. 20 nov. 18	N. Y. 18 feb. 91

SEVENTY-FOURTH INFANTRY, NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Captains — Concluded</i>				
Wilson, Edmond G., 18 jan. 19	G	.....	pvt. tr. I, 1 cav. 15 mar. 13 dropped. 12 june 15 taken up. 8 nov. 15 full and hon. dis. 3 mar. 16 2 lt. 74 inf. 10 may 18 1 lt. 21 nov. 18 cap. 18 jan. 19 accepted. 20 jan. 19	N. Y. 10 July 91
Burrows, Lynn M., 24 jan. 19 reserve list. 29 aug. 19	N	.....	co. N, 74 inf. 28 dec. 17 dis. 24 jan. 18 1 lt. 74 inf. 23 jan. 18 cap. 24 jan. 19 accepted. 25 jan. 19	Mich. 17 June 84
Oakleaf, James Francis, 20 feb. 19	N	mustered into u. s. ser. 5 July 16 out 5 oct. 16 into 18 apr. 17 1 lt. 108 inf.; cap. g. hdq. 20 feb. 19 hon. dis. 21 mar. 19	2 lt. 3 inf. 16 nov. 14 1 lt. 26 June 17 accepted. 28 June 17 dft. 5 Aug. 17 r. l. 18 dec. 19 cap. 74 inf. 19 dec. 19 accepted. 22 dec. 19	N. Y. 82
Smith, Paul R., 24 May 19 hon. dis. 20 dec. 19	F	.....	tr. I, cav., N. Y. N. G. 9 June 16 dis. 16 June 17 roc. 74 inf., N. Y. G. 26 Oct. 17 2 lt. 74 inf. 19 Apr. 18 cap. 24 May 19 accepted. 27 May 19	Ohio 23 Feb. 88
Burnell, Howell Hunt, 5 sep. 19	adj.	u. s. navy. 20 Jan. 08 to 30 Jan. 12	pvt. 74 inf. 14 Jan. 07 to 20 Jan. 08 1 lt. 74 inf. 20 Dec. 17 cap. 6 Sep. 19 accepted. 9 Sep. 19	Pa.
Beyer, Frank A., 26 Sep. 19	A	.....	pvt. 74 inf., N. G. N. Y. 21 June 99 hon. dis. 21 Nov. 04 corp. and agt. co. C 2 lt. 74 inf. 1 Feb. 18 1 lt. 18 Oct. 18 cap. 26 Sep. 19 accepted. 27 Sep. 19	N. Y. 26 Feb. 82
Bemus, Selden B., 15 Oct. 19	E	.....	pvt. co. F, 65 inf. (13 sep. co.) 23 Jan. 06 corp. 17 July 09 full and hon. dis. 26 June 11 1 lt. 74 inf. 23 Jan. 18 cap. 15 Oct. 19 accepted. 16 Oct. 19	N. Y. 9 May 84
Ryan, Charles E., 5 Nov. 19 reserve list. 18 Nov. 19	B	.....	pvt. co. B, 74 inf. 23 Oct. 17 sup. agt. 22 Feb. 19 2 lt. 74 inf. 21 Aug. 18 cap. 5 Nov. 19 accepted. 10 Nov. 19	N. Y. 22 Feb. 80
<i>First Lieutenants</i>				
Webb, John J., 24 Oct. 17	B	.....	pvt. co. C, 74 inf. 7 Aug. 99 corp. 28 Jan. 01 agt. 18 Dec. 03 1 agt. 27 Mar. 05 bat. agt. maj. 22 Oct. 06 f. and h. dis. 22 Nov. 09 1 lt. 74 inf. 24 Oct. 17 accepted. 29 Oct. 17	N. Y. 15 Feb. 76

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
First Lieutenants—Continued				
Werner, Edward Russell, 16 nov. 17	I	reported from N. G. r. 5 aug. 17 hon. dis. . . 8 aug. 17 (d. r.)	pvt. co. E, 3 inf. 2 may 05 corp. 14 june 11 sgt. 14 aug. 13 1 sgt. 1 mar. 15 qm. sgt. q. m. c. 10 june 15 furloughed to N. G. R. 14 jan. 17 1 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17	Ohio 18 oct. 82
Billings, Henry Edward, 16 nov. 17	M	corp. co. M, 65 N. Y. Vols. . . 17 may 98 to 19 nov. 98	pvt. co. C, 22 inf. . . . 19 feb. 90 dropped. 25 apr. 92 taken up. 15 aug. 92 trs. co. B, 7 inf. 27 nov. 93 dropped. 10 may 94 pvt. co. M, 65 inf. . . . 1 may 98 corp. 1 may 98 trs. co. H, 74 inf. 20 sep. 99 corp. 20 oct. 00 sgt. 20 jan. 02 f. and h. dis. 23 nov. 03 1 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17	N. Y. 28 jan. 74
Simmons, Van Antwerp, 2 jan. 18	N	mustered into u. s. ser. 5 july 16 out 5 oct. 16	pvt. co. K, 3 inf. 16 dec. 05 dropped. 22 feb. 09 taken up in co. I. 10 mar. 16 corp. 29 june 16 sgt. 16 jan. 17 full and hon. dis. 18 apr. 17 pvt. co. I, 3 inf. d. b. . . 10 sep. 17 pvt. co. I, 74 inf. 12 nov. 17 1 lt. 74 inf. 2 jan. 18 accepted. 5 jan. 18 to 65 inf. 24 may 18 to 74 inf. 1 aug. 19	N. Y. 31 mar. 85
Thomas, Charles J., 5 feb. 18 f. and h. dis. . . 26 may 19	asst. i. s. a. a. p.	.....	pvt. f. m. 74 inf. . . . 16 july 06 trs. to co. C, 74 inf. . . . 8 oct. 06 corp. 7 oct. 07 sgt. 3 oct. 10 full and hon. dis. 6 dec. 13 2 lt. 74 inf. 24 oct. 17 1 lt. 5 feb. 18 accepted. 7 feb. 18	N. Y. 19 feb. 89
Baumhoefer, Haldane A., 5 feb. 18	L	.....	42 sep. co., N. G. N. Y. 3 oct. 01 corp. 9 nov. 05 hon. dis. 9 nov. 09 enl. d. b. co. E. 21 aug. 17 1 sgt. co. L. 5 oct. 17 1 sgt. 3 dec. 17 1 lt. 74 inf. 5 feb. 18 accepted. 9 feb. 18	Minn. 17 may 83
O'Rourke, Edward H., 20 apr. 18	bat. adj.	mustered into u. s. ser. 12 dec. 16 out 24 feb. 17 into 31 mar. 17 1 lt. 108 inf. 20 apr. 18 hon. dis. . . 30 mar. 19	pvt. co. D. 29 dec. 13 corp. 25 jan. 15 sgt. 1 july 16 2 lt. 14 nov. 16 accepted. 19 nov. 16 dft. 5 aug. 17 r. l. 26 aug. 19 1 lt. 74 inf. 2 dec. 19 accepted. 16 dec. 19	23 oct. 92

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com-pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants—Continued</i>				
Prior, Charles E., 15 may 18	H		pvt. co. G, 74 regt. 11 July 04 corp. 8 Jan. 06 sgt. 22 Oct. 06 1 sgt. 1 June 11 full and hon. dis. 6 Feb. 15 2 lt. 74 inf. 20 Feb. 18 1 lt. 15 May 18 accepted 20 May 18	Can. 4 May 86
Shepard, Bert C., 28 may 18 f. and h. dis. . . 3 apr. 19	D		pvt. co. G, 74 inf. 18 Feb. 09 corp. 5 Dec. 10 full and hon. dis. 6 July 14 pvt. co. D, 74 inf. 5 Nov. 17 1 sgt. 28 May 18 1 lt. 74 inf. 29 May 18 accepted 29 May 18	N. Y. 2 apr. 88
Kennedy, William Henry, 29 July 18 hon. dis. 27 Jan. 19	C		pvt. tr. I, 1 cav. 7 May 11 hon. dis. 7 May 14 2 lt. 74 inf. 24 Oct. 17 1 lt. 29 July 18 accepted 31 July 18	N. Y. 16 aug. 88
Scheiterle, Charles M. J., 31 July 18	bat. adj.	mustered into u. s. ser. 5 July 16 out 5 Oct. 16 into 81 mar. 17 hon. dis. . . . 18 apr. 17 (d. r.).	pvt. co. I, 3 inf. 2 May 06 corp. 18 apr. 10 sgt. 23 May 13 full and hon. dis. . . . 4 Aug. 14 re-enl. and warrant cont. 1 sgt. 5 Jan. 15 hon. dis. 18 apr. 17 2 lt. 74 inf. 2 Jan. 18 to 65 inf. 24 May 18 1 lt. 65 inf. 31 July 18 accepted 1 Aug. 18 to 74 inf. 28 Aug. 19	N. Y. 3 Nov. 77
Bolton, John W., 14 aug. 18	band leader	mustered into u. s. ser. 2 July 16 out 24 Feb. 17 into 31 mar. 17 1 lt. 14 aug. 18 hon. dis. . . . 26 aug. 19	pvt. band, 74 inf. 24 Aug. 03 band master 24 Aug. 03 ch. musc. 5 mar. 08 full and hon. dis. . . . 7 June 15 re-enl. and warrant cont. dft. 5 Aug. 17 1 lt. 74 inf. 30 Aug. 19 accepted 2 Sep. 19	Eng. 14 June 04
Waterhouse, George B., 20 Dec. 18 hon. dis. 17 May 19	bat. adj.		pvt. co. B, 74 inf. 26 Nov. 17 corp. 21 Jan. 18 sgt. 14 Mar. 18 bat. sgt. maj. 12 Oct. 18 1 lt. 74 inf. 20 Dec. 18 accepted 23 Dec. 18	Eng. 25 May 83
Crandall, William M., 20 Dec. 18	bat. adj.		pvt. co. G, 74 inf. 28 Nov. 17 sgt. 17 Jan. 18 trans. hdq. co. 19 Jan. 18 bat. sgt. maj. 21 Jan. 18 1 lt. 74 inf. 11 June 18 hon. dis. 22 Oct. 18 1 lt. 74 inf. 20 Dec. 18 accepted 31 Dec. 18	N. Y. 30 Aug. 96
Bentley, Clyde L., 27 Dec. 18	K	pvt. co. K, 8 O. N. G., Jan., 1902; corp. and sgt.; hon. dis. Oct. 1906.	2 lt. 74 inf., N. Y. G. . . 31 Oct. 17 1 lt. 27 Dec. 18 accepted 4 Jan. 19	Ohio 1 Nov. 80

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Company	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>First Lieutenants — Concluded</i>				
Kelsey, Walter F., 9 jan. 19	O	.....	pvt. co. M, 74 inf. 26 nov. 17 1 lt. 74 inf. 23 jan. 18 accepted. 28 jan. 18 to 65 inf. 24 may 18 hon. dis. 14 nov. 18 1 lt. 65 inf. 9 jan. 19 accepted. 17 jan. 19 to 74 inf. 1 aug. 19	N. Y. 28 July 85
Signor, Charles G., 17 feb. 19 reserve list. 29 aug. 19	N	.....	2 lt. 74 inf. 23 jan. 18 1 lt. 17 feb. 19 accepted. 20 feb. 19	N. Y. 28 oct. 80
Hickman, Willis G., 22 mar. 19 reserve list. 20 oct. 19	C	r. o. t. c. 27 aug. to 27 nov., 17; air service 27 nov. 17 hon. dis. ... 21 jan. 19	pvt. tr. I, 1 cav. 13 nov. 15 dpd. 3 mar. 16 taken up, 2 aero co. ... 1 July 16 sgt. 15 July 16 1 cl. sgt. 29 July 16 1 lt. sig. ops. 2 may 17 accepted. 3 may 17 r. l. 12 may 17 1 lt. 74 inf. 22 mar. 19 accepted. 31 mar. 19	N. Y. 14 feb. 90
Watkins, Robert B., 24 may 19	D	.....	pvt. co. D, 74 inf. — nov. 17 1 sgt. 28 aug. 18 2 lt. 74 inf. 30 aug. 18 1 lt. 24 may 19 accepted. 2 June 19	N. Y. 28 aug. 97
Barton, Arthur L., 7 June 19	asst. i. a. a. p.	.....	pvt. co. E, 74 inf. 30 mar. 18 sgt. 30 may 19 1 lt. 74 inf. 7 June 19 accepted. 10 June 19	N. Y. 24 apr. 94
Macgregor, Roderick H., 9 June 19	G	303 eng. 29 apr. 18 hon. dis. as sgt., 29 Jan. 19	1 lt. 74 inf. 7 feb. 18 accepted. 9 feb. 18 hon. dis. 26 July 18 1 lt. 74 inf. 9 June 19 accepted. 10 June 19	N. Y. 23 Aug. 87
Power, William A., 8 nov. 19	bat. adj.	mustered into u. s. ser. 3 mar. 17 to hdq. co. 108 inf., 20 oct. 17 hon. dis. 31 mar. 19	pvt. co. F, 74 inf. 20 mar. 16 dft. 5 aug. 17 1 lt. 74 inf. 8 nov. 19 accepted. 13 dec. 19	N. Y. 27 sep. 88
<i>Second Lieutenants</i>				
Holland, Fred Porter, 16 nov. 17	M	6 Mass. inf., 1890- 1901.	2 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17	Mass. 26 may 80
Burch, Frank P., 16 nov. 17 reserve list. 7 June 19	G	u. s. a. 26 nov. 98 to 11 dec., 01, P. I.	2 lt. 74 inf. 16 nov. 17 accepted. 20 nov. 17	N. Y. 20 oct. 80
Spaulding, Stephen V. R., 15 may 18 hon. dis. 3 apr. 19	E	.....	2 lt. 74 inf. 15 may 18 accepted. 20 may 18	N. Y. 24 feb. 84
Conover, Willis C., 1 June 18	F	navy. 1 sep. 11 to 26 nov. 14 mustered into u. s. ser. 2 July 16 out 24 feb. 17 into 31 mar. 17 to 102 eng. 14 oct. 17 to o. t. c. ... 1 Jan. 18 sgt. 108 inf. 20 apr. 18 2 lt. 26 inf. 1 June 18 hon. dis. ... 14 oct. 19	pvt. co. I, 74 inf. 28 dec. 14 corp. 24 may 15 dft. 5 aug. 17 2 lt. 74 inf. 15 dec. 19 accepted. 18 dec. 19	N. Y. 23 feb. 94

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (Continued)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Cont'd</i>				
Williams, E. Harlan, 4 june 18	O	.....	pvt. co. M, 74 inf. 28 nov. 17 1 sgt. 9 jan. 18 2 lt. 65 inf. 4 june 18 accepted 6 june 18 to 74 inf. 1 aug. 19	N. Y. 2 jan. 78
Miller, Harry W. K., 11 june 18 reserve list. 28 nov. 19	A	.....	pvt. co. I, 74 regt. 12 mar. 08 corp. 22 nov. 09 sgt. 8 june 11 full and hon. dis. 20 may 12 pvt. co. A, 74 inf. 24 oct. 17 1 sgt. 11 june 18 2 lt. 74 inf. 17 june 18 accepted 17 june 18	N. Y. 14 mar. 83
Darling, William J., 19 june 18	L	.....	pvt. co. L, 74 inf. 15 dec. 17 sgt. 16 mar. 18 2 lt. 74 inf. 19 june 18 accepted 25 june 18	Vt. 12 apr. 85
Clark, Clyde C., 19 june 18 hon. dis. 3 may 19	M	.....	pvt. co. Y, 74 inf. 12 mar. 18 1 sgt. 19 june 18 accepted 26 june 18	N. Y. 5 nov. 83
Nobbs, William L., 10 july 18	E	.....	pvt. co. E, 65 regt. 1 feb. 05 corp. 19 july 08 sgt. 11 aug. 13 full and hon. dis. 22 mar. 15 re-enl. and war. con. 23 mar. 15 full and hon. dis. 23 mar. 16 re-enl. and war. con. 24 mar. 16 to 3 f. a. 11 july 16 full and hon. dis. 24 may 17 pvt. co. E, 74 inf. 25 july 17 1 sgt. 31 dec. 17 to 65 inf. 24 may 18 2 lt. 65 inf. 10 july 18 accepted 11 july 18 to 74 inf. 1 aug. 19	Penn. 17 aug. 81
Holroyd, Harry J., 10 july 18	sup. co.	.....	pvt. co. E, 65 regt. 26 nov. 12 full and hon. dis. 6 dec. 15 re-enlisted 7 dec. 15 corp. 8 apr. 16 to 3 f. a. 11 july 16 full and hon. dis. 17 may 17 2 lt. 65 inf. 10 july 18 accepted 11 july 18 to 74 inf. 28 aug. 19	Ohio 14 sep. 93
Wilkins, Walter M., 2 aug. 18 hon. dis. 8 july 19	C	.....	pvt. co. C, 74 inf. 9 nov. 17 2 lt. 74 inf. 2 aug. 18 accepted 7 aug. 18	N. Y. 19 apr. 87
Field, George H., 5 sep. 18 hon. dis. 3 may 19	T	.....	2 lt. 74 inf. 5 sep. 18 accepted 11 sep. 18	N. Y. 83
Wright, Harold A., 28 oct. 18	N	mustered into u. s. ser. 15 july 16 out 5 oct. 16	musc. co. I, 3 inf. 27 sep. 10 pvt. 15 apr. 11 lance corp. 12 jan. 12 corp. 6 may 12 sgt. 5 jan. 15 full and hon. dis. 27 sep. 15 pvt. co. I, 3 inf. d. b. 10 sep. 17 pvt. co. I, 3 inf. 12 nov. 17 1 sgt. 12 jan. 18 2 lt. 65 inf. 28 oct. 18 accepted 7 nov. 18 to 74 inf. 1 aug. 19	N. Y. 29 mar. 93

SEVENTY-FOURTH INFANTRY — NEW YORK GUARD — (*Concluded*)

Name, grade, date of rank and highest brevet rank	Com- pany	Service		Born
		In the armies of U. S. or foreign states	In the National Guard	
<i>Second Lieutenants—Con- cluded</i>				
Wilkes, Warren B., 1 feb. 19	G	.....	pvt. co. I, 74 inf. 4 feb. 18 1 sgt. 23 may 18 2 lt. 74 inf. 1 feb. 19 accepted 4 feb. 19	N. Y. 9 mar. 87
Coleman, William J., 8 feb. 19	asst. i. s. a. p.	.....	pvt. co. H, 74 inf. 29 oct. 17 corp. 6 jan. 18 2 lt. 74 inf. 8 feb. 19 accepted 24 feb. 19	Mass. 17 june 77
Sells, Millar W., 2 june 19 f. and h. dis. . . 22 oct. 19	F	.....	muse. 74 inf. 9 apr. 06 pvt. 5 mar. 08 muse. 31 oct. 10 full and hon. dis. 15 apr. 12 2 lt. 74 inf. 2 june 19 accepted 10 june 19	Can. 30 june 90
Crosby, Adon W., 26 aug. 19	C	.....	pvt. co. C, 74 inf. 11 nov. 17 corp. 19 feb. 18 sgt. 21 oct. 18 2 lt. 74 inf. 26 aug. 19 accepted 29 aug. 19	N. Y. 1 apr. 80
Waite, Raymond I. jr., 15 dec. 19	D	.....	pvt. co. B, 74 inf. 29 oct. 17 corp. 14 mar. 18 sgt. 19 aug. 18 2 lt. 74 inf. 15 dec. 19 accepted 17 dec. 19	N. Y. 4 july 97
Michael, Arthur J. G., 15 dec. 19	A	.....	pvt. co. I, 74 inf. 14 june 07 full and hon. dis. 13 nov. 12 pvt. co. A, 74 inf. 14 nov. 17 corp. 21 june 18 sgt. 18 aug. 18 2 lt. 74 inf. 15 dec. 19 accepted 22 dec. 19	N. Y. 4 oct. 90

RETIRED OFFICERS

NAME, GRADE AND DATE OF RANK	RETIRED		Residence
	Organization	Date	
MAJOR GENERAL			
Roe, Charles Francis, 9 feb. 98.	National Guard.	1 may 12	New York.
BRIGADIER GENERALS			
Babcock, Louis L., 24 sep. 17.	4 brig.	18 apr. 19	Buffalo.
Eddy, John G., 11 nov. 07.	2 brig.	17 aug. 16	Brooklyn.
Fox, George C., 15 jul. 11.	National Guard.	15 jul. 11	Buffalo.
Henry, Nelson Herriek (bvt. maj. gen.), 1 jan. 02.	The a. g. S. N. Y.	31 may 10	New York.
McLeer, James (bvt. maj. gen.), 13 oct. 85.	2 brig.	11 nov. 07	Brooklyn.
Morris, William F., 7 may, 1914.	chief, c. a.	15 jun. 14	New York.
Oliver, Robert Shaw, 30 dec. 90.	3 brig.	1 sep. 03	Washington, D. C.
Pettebone, Lauren Woodruff (bvt. maj. gen.), 4 feb. 02.	4 brig.	10 apr. 11	Niagara Falls
Smith, George Moore (bvt. maj. gen.), 4 mar. 98.	1 brig.	31 dec. 11	New York.
Welch, Samuel M. (bvt. maj. gen.), 16 jun. 11.	4 brig.	1 may 15	Buffalo.
COLONELS			
Appleton, Daniel (bvt. maj. gen.), 6 aug. 89.	7 inf.	23 feb. 16	New York.
Barthman, Henry C., 15 june 17.	47 inf.	4 mar. 19	Brooklyn.
Cavanagh, James (bvt. brig. gen.), 29 nov. 67.	69 inf.	1 dec. 93	New York.
Cole, Ashley William, 7 jan. 95.	supn.	24 may 15	England.
Davis, Charles Otis (bvt. brig. gen.), 23 nov. 08.	18 c. d. e.	15 jun. 14	Brooklyn.
Depew, Chauncey M., 7 jul. 12.	1. a. 5 div.	26 feb. 12	New York.
Duffy, Edward (bvt. brig. gen.), 13 apr. 98.	69 inf.	12 mar. 09	New York.
Francis, Augustus T. (bvt. brig. gen.), 3 jun. 98.	171 inf.	23 jun. 99	New York.
Gildersleeve, Henry A., 5 oct. 74.	supn.	19 mar. 12	New York.
Huston, Thomas William, 18 mar. 12.	12 inf.	23 apr. 13	New York.
Jussen, Carl, 7 oct. 74.	1 div.	18 mar. 12	New York.
Kline, Ardolph Loges (bvt. brig. gen.), 6 may 01.	14 regt.	1 jan. 06	Brooklyn.
Ladd, William W., 11 jan. 16.	J. A. G. dept.	26 sep. 16	New York.
Olin, Stephen Henry, 24 feb. 98.	asst. a. g. N. G.	5 mar. 03	New York.
Praeger, Louis J.	23 inf.	28 nov. 19	Brooklyn.
Pruyn, John Isaac (bvt. brig. gen.), 25 jun. 06.	10 inf.	24 jun. 10	Yonkers.
Reichert, Louis P., 6 may 78.	supn.	21 may 15	Buffalo.
Sanger, William Cary, 31 dec. 99.	insp. National Guard.	27 feb. 02	Sangerfield.
Sauvan, Frank Olin, 23 apr. 14.	8 c. d. e.	27 apr. 14	New York.
Stokes, William A. (bvt. brig. gen.), 23 sep. 04.	23 inf.	24 jun. 09	Brooklyn.
Wolf, Charles J., 31 aug. 11.	74 inf.	26 jun. 16	Buffalo.
LIEUTENANT COLONELS			
Bakewell, Allan C., 11 oct. 98.	supn.	22 may 15	New York.
Bendell, Herman, (bvt. col.), 11 dec. 11.	National Guard.	11 dec. 11	Albany.
Bogart, John, 21 apr. 98.	eng. National Guard.	15 jan. 06	New York.
Cleveland, James Wray (bvt. col.), 27 feb. 02.	insp.-gen.	18 aug. 08	New York.
Cottle, Edmund Petrie (bvt. col.), 20 jun. 94.	74 inf.	18 feb. 11	Buffalo.
Crego, Floyd Stranahan, 2 apr. 98.	surg. 4 brig.	6 jan. 04	Buffalo.
Cushman, Harry Curtis, 8 jan. 91.	asst. a. g. 3 brig.	8 feb. 04	Albany.
Healy, Charles, 5 sep. 11.	69 inf.	24 mar. 14	New York.
Hurry, Gilford, 26 mar. 98.	chief comy. div.	1 may 12	New York.
Japhs, Solomon E., 3 jan. 02.	c. a. e.	10 apr. 12	New York.
Kipp, William H. (bvt. brig. gen.), 14 sep. 95.	7 inf.	3 feb. 08	New York.
Kirkland, William James, 5 aug. 98.	supn.	24 may 15	New York.

RETIRED OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	RETIRED		Residence
	Organization	Date	
LIEUTENANT COLONELS — Continued			
Knapp, Louis H., 3 jun. 82.....	4 div.....	18 nov. 12	Buffalo.
La Rose, Anthime Watson, 30 jun. 11..	National Guard.....	30 jun. 11	Albany.
Lawrence, Abram B., 2 jan. 83.....	4 div.....	11 mar. 12	Warsaw.
Lilliendahl, John G. R. (bvt. col.), 9 may 06.	22 eng.....	6 may 14	New York.
Manning, James Hilton, 30 jun. 11....	National Guard.....	30 jun. 11	Albany
Olyphant, Robert (bvt. brig. gen.), 18 dec. 80.	1 brig.....	1 sep. 17	New York.
Palmer, Charles N., 27 Oct. 79.....	4 div.....	12 mar. 12	Lookport.
Rasmus, Carl Gerhard, (bvt. col.), 30 dec. 10.	23 inf.....	25 aug. 18	Cedarhurst, L. I.
Ridabook, Henry G., 2 mar. 99.....	8 inf.....	19 jan. 06	New York.
Russell, George D. (bvt. col.), 11 may 99.	c. a. c.....	26 feb. 08	Norwalk, Conn.
Schilling, Francis A., 14 dec. 70.....	8 arty.....	20 apr. 12	New York.
Storey, James H., 15 mar. 80.....	2 div.....	20 feb. 12	Brooklyn.
Todd, Charles Griswold (bvt. col.), 25 nov. 04.	23 inf.....	15 mar. 07	Brooklyn.
MAJORS			
Abeel, Alfred Havens, 23 aug. 00.....	a. g. dept.....	11 mar. 12	New York.
Barnie, Alexander, 17 jun. 93.....	o. d.....	5 mar. 12	Brooklyn.
Barrett, Frank Brower, 23 oct. 12.....	1 f. a.....	5 may 14	New York.
Bascorn, George J., 3 jun. 98.....	171 inf.....	26 mar. 12	Mt. Vernon
Bissell, William Grosvenor, 7 oct. 97..	74 inf.....	24 feb. 14	Buffalo.
Briggs, Albert Henry (bvt. lt. col.), 23 apr. 83.	m. c.....	31 dec. 11	Buffalo.
Burr, Daniel S. (bvt. lt. col.), 2 may 99.	surg. 1 inf.....	25 mar. 07	Binghamton.
Butler, Mighells B. (bvt. lt. col.), 22 dec. 93.	3 inf.....	4 jan. 13	Niagara Falls.
Chase, James T., 29 mar. 98.....	12 bat.....	9 mar. 99	New York.
Christoffel, John B. (bvt. lt. col.), 8 oct. 08.	o. d.....	1 aug. 10	Brooklyn.
Cipollari, Joseph, 8 mar. 09.....	8 c. d. c.....	5 feb. 14	Lynbrook, L. I.
Cleminshaw, Charles G., 8 sep. 99.....	comy. of sub. 3 brig.....	6 jan. 04	Troy.
Cochran, Henry Lord (bvt. lt. col.), 21 mar. 98.	m. c.....	18 sep. 09	Brooklyn.
Colles, Christopher John (bvt. lt. col.), 28 aug. 99.	m. c.....	23 feb. 15	New York.
Content, Washington, 22 jan. 97.....	12 inf.....	24 jan. 01	New York.
de Forest, Henry P., 17 jan. 00.....	m. c.....	18 may 12	New York.
de Russy, Reus A., 3 oct. 08.....	12 inf.....	1 jul. 10	New York.
Diehl, George C., 10 oct. 17.....	eng. (N. G. R.).....	18 nov. 19	Buffalo.
Disbrow, Robert M., 16 apr. 13.....	m. c.....	6 oct. 16	New York.
Doty, Alvah H., 8 mar. 88.....	surg. 9 regt.....	20 may 97	New York.
Earle, Eugene M., 6 may 75.....	supn.....	21 may 15	Brooklyn.
Fisher, Harris B., 1 dec. 98.....	1 brig.....	11 mar. 12	Pelham Manor.
Gedney, Frederick J., 17 jan. 81.....	supn.....	24 may 15	New York.
Green, Lansdale B., 13 jan. 04.....	q. m. c.....	5 jul. 16	Troy.
Holland, John B. (bvt. col.), 25 feb. 08	a. d. c. staff maj. gen com. N. G.	15 jan. 08	New York.
Houston, David Walker, 25 nov. 98.....	m. c.....	24 jan. 10	Troy.
Hyatt, James Levinus (bvt. lt. col.), 11 may 00.	10 bat.....	15 jan. 03	Albany.
Jackson, Thomas Edmund (bvt. lt. col.), 2 apr. 03.	47 inf.....	21 dec. 11	Brooklyn.
Jarrett, Arthur Richard, 19 jun. 12....	m. c.....	22 apr. 14	Brooklyn.
Jarvis, Nathan S., 14 dec. 99.....	m. c.....	19 feb. 12	New York.
Jones, Samuel Case, 8 jun. 07.....	3 inf.....	2 may 13	Rochester.
Kirby, William Maurice (bvt. maj. gen.), 31 dec. 98.	o. d.....	31 dec. 11	Auburn.
Linson, William H. (bvt. lt. col.), 14 jun. 00.	71 inf.....	8 apr. 10	New York.
Lydecker, Charles A. (bvt. lt. col.), 22 jun. 16.	7 inf.....	17 jul. 17	New York.
McCarthy, Edmund D., 10 oct. 17.....	a. g. d.....	18 apr. 19	Buffalo.
McCutcheon, Henry D., 11 dec. 17....	47 inf.....	19 mar. 19	Brooklyn.
Marsh, Edward T. T., 4 mar. 85.....	surg. 71 inf.....	23 may 06	New York.
Martin, Frank Adrian, 24 may 07.....	23 inf.....	26 mar. 09	Brooklyn.

RETIRED OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	RETIRED		Residence
	Organization	Date	
MAJORS — Continued			
Metzger, George J., 15 July 98.....	engrs. (N. G. R.).....	18 nov. 19	Buffalo
Mitchell, Edmund Harmon, 13 dec. 97.	14 inf.	12 jan. 05	Brooklyn.
Mott, Seldon Whitney (bvt. lt. col.), 20 aug. 08.	2 inf.	1 may 13	Hudson Falls.
Mynotte, William Thomas, 5 jan. 10....	23 inf.	28 oct. 13	Brooklyn.
Nugent, Arthur Wellesley (bvt. lt. col.), 6 apr. 11.	10 inf.	29 jan. 14	Yonkers.
Pettit, James F., 5 jan. 77.....	44 bat.	11 mar. 12	Binghamton.
Poillon, Richard H., 17 sep. 79.....	4 brig.	5 aug. 86	New York.
Reville, Philip E., 28 may 07.....	69 inf.	16 may 13	Brooklyn.
Richmond, Harry Signa, 7 oct. 11.....	1 cav.	10 jun. 14	Albany.
Russell, Nelson G., 13 mar. 10.....	m. c.	25 jan. 13	Buffalo.
Scott, Walter, 1 apr. 98.....	17 bat.	9 mar. 99	Oneonta.
Sheldon, Theodore Butler (bvt. lt. col.), 9 dec. 02.	a. g. dept.	25 feb. 11	Buffalo.
Smith, Eugene Alfred, 10 feb. 04.....	m. c.	28 jan. 10	Buffalo.
Smith, Harrie Eugene, 1 may 05.....	m. c.	10 feb. 10	Mt. Vernon.
Smith, Lee H., 31 oct. 17.....	m. c.	18 apr. 19	Buffalo.
Stevenson, Frederick Harper, 13 sep. 06	14 inf.	3 dec. 13	Brooklyn.
Thomas, Frederic Chiohester, 8 mar. 00.	1 brig.	11 mar. 12	New York.
Walton, John D. (bvt. lt. col.), 14 feb. 02.	9 arty.	19 may 13	New York.
Wood, Frederick J. J. (bvt. lt. col.), 22 dec. 07.	m. c.	8 apr. 10	Brooklyn.
Yates, Austin A., 1 apr. 98.....	2 inf.	29 jan. 01	Schenectady.
Young, Horace Greeley, 22 jan. 91....	3 brig.	11 apr. 01	Albany.
CAPTAINS			
Acker, Eben E., 17 apr. 08.....	c. a. c.	10 aug. 16	New York.
Anderson, John A., 5 jul. 16.....	r. l.	30 sep. 18	New York.
Barker, Edward (bvt. maj.), 3 may 75.	supn.	21 may 15	New York.
Barlow, Joseph Richard Kenrick, 16 nov. 95.	14 inf.	21 mar. 00	Brooklyn.
Barnum, Charles H., 17 aug. 17.....	23 inf.	12 dec. 19	Brooklyn.
Baum, Henry Clay, 2 mar. 00.....	asst. surg. 3 bat.	10 mar. 05	Syracuse.
Beasley, Crawford D., 17 may 09.....	m. c.	31 jul. 11	Brooklyn.
Bell, James Alexander (bvt. maj.), 24 jan. 99.	22 eng.	2 jun. 05	Richmond Hill, L. I.
Bruckmann, Gustav T., 22 nov. 99....	14 inf.	3 mar. 11	Brooklyn.
Buck, Willis Ripley (bvt. maj.), 19 apr. 98.	74 inf.	9 apr. 12	Buffalo.
Bush, Robert P., 1 dec. 87.....	26 sep. co.	5 mar. 12	Branchport.
Butler, John G., 12 apr. 88.....	41 sep. co.	1 jan. 01	Syracuse.
Butler, Louis A., 5 sep. 17.....	23 inf.	28 nov. 19	Brooklyn.
Carroll, John Francis, 15 jul. 95.....	14 inf.	20 dec. 05	Brooklyn.
Coleman, Hugh, 4 jan. 75.....	69 inf.	8 mar. 12	New York.
Conlon, James, 27 dec. 81.....	69 inf.	4 dec. 90	New York.
Crooks, George W., 6 apr. 88.....	27 sep. co.	11 nov. 98	Binghamton.
Delany, John A., 26 apr. 98.....	69 inf.	27 nov. 09	New York.
Dixon, John J. (bvt. maj.), 10 jan. 84.	i. s. a. p. 14 inf.	6 dec. 99	Brooklyn.
Dixon, John James (bvt. maj.), 6 jul. 99	14 inf.	6 apr. 08	Brooklyn.
French, William A., 15 jun. 98.....	13 regt.	12 mar. 12	Brooklyn.
Green, John Kneeland, 28 jan. 13.....	div. n. g.	12 apr. 13	New York.
Greer, Louis Morris, 27 feb. 08.....	div. n. g.	1 may 12	New York.
Hall, Albert C., 10 oct. 77.....	supn.	21 may 15	Brooklyn.
Hart, Charles L., 6 dec. 84.....	7 brig.	11 mar. 12	Elmira.
Hart, Joseph (bvt. maj.), 9 mar. 92....	47 inf.	20 feb. 08	Brooklyn.
Haubennestel, William (bvt. maj.), 12 nov. 66.	19 sep. co.	11 mar. 12	Poughkeepsie.
Hayes, Almeron Deloos, 10 jul. 93.....	supn.	16 mar. 12	Syracuse.
Hegeman, John R., Jr., 22 jul. 12.....	c. d.	17 oct. 13	New York.
Herron, Hugh H., 1 mar. 77.....	29 sep. co.	1 oct. 90	Rochester.
Hornbeck, Benjamin Johnson, 28 sep. 98	supn.	8 mar. 12	Kingston.
Hunter, William Goldsmith, 25 sep. 93.	10 sep. co.	3 jul. 06	Newburgh.
Ingraham, John Henry, (bvt. maj.) 11 feb. 05.	22 inf.	28 oct. 12	Brooklyn.
Kerby, William H., Jr., 20 jun. 82.....	12 regt.	17 jan. 93	New York.
Lents, Charles B., 17 oct. 01.....	74 inf.	17 mar. 13	Tonawanda.
Lloyd, Francis G., 7 aug. 19.....	9 c. d. c.	12 aug. 19	New York.

RETIRED OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	RETIRED		Residence
	Organization	Date	
CAPTAINS—Continued			
Lovenberg, Eugene, 18 may 03.....	c. a. c.....	23 jul. 13	Summit, N. J.
Maidhof, William J., 10 dec. 88.....	22 regt.....	7 jul. 97	Jersey City, N. J.
Marks, William Wolcott, 10 nov. 85.....	9 inf.....	14 feb. 00	New York.
Martyn, Charles William, 12 dec. 12.....	23 inf.....	13 aug. 15	Brooklyn.
Marvin, Matthew W., 20 may 79.....	33 sep. co.....	31 may 92	Binghamton.
Mayer, William G., 12 mar. 18.....	10 inf.....	16 apr. 19	Oneida.
Morgan, George, Jr., 13 dec. 70.....	74 inf.....	11 mar. 12	Bath.
Mortimer, Thomas, 23 mar. 85.....	supn.....	25 may 15	New York.
Musson, George Thomas (bvt. maj.), 5 may 98.....	c. d.....	27 aug. 09	Brooklyn.
Myers, Berthold, 11 sep. 79.....	15 sep. co.....	2 jan. 92	Albany.
Nurse, Walter F. (bvt. maj.), 22 may 96.....	65 inf.....	14 aug. 11	Buffalo.
O'Brien, John Emmett, 5 jul. 95.....	69 inf.....	4 apr. 99	New York.
O'Connell, John, 14 feb. 94.....	69 inf.....	15 jun. 98	New York.
O'Donnell, James Matthew, 11 dec. 99.....	c. a. c.....	1 nov. 12	New York.
Olmosted, Laurel L. (bvt. maj.), 13 nov. 74.....	6 batty.....	2 oct. 01	Binghamton.
Onderdonk, John D. A. (bvt. maj.), 5 dec. 01.....	23 inf.....	2 sep. 08	Brooklyn.
Palmer, William H. (bvt. maj.), 1 may 83.....	c. d.....	31 dec. 11	New York.
Phelan, James J., 11 nov. 98.....	2 inf.....	7 feb. 08	New York.
Rafferty, Peter Francis, 19 jul. 98.....	supn.....	25 may 15	New York.
Rasquin, Henry S. (bvt. maj.), 22 may 82.....	3 batty.....	17 jan. 07	Brooklyn.
Scanlon, John Joseph, 30 apr. 00.....	69 inf.....	18 may 12	New York.
Schuyler, Walter G. (bvt. lieut. col.), 22 may 96.....	7 inf.....	12 jul. 15	New York.
Sherry, Lansford Franklin (bvt. maj.), 27 mar. 08.....	f. a.....	13 mar. 12	New York.
Stacey, James G. (bvt. maj.), 19 jan. 06.....	34 sep. co.....	29 dec. 13	Geneva.
Suydam, Walter L., 26 dec. 17.....	9 c. a. c.....	3 jun. 18	New York.
Vunk, Darwin E., 3 sep. 88.....	46 sep. co.....	11 jun. 06	Amsterdam.
Webb, William E., 10 oct. 77.....	2 brig.....	19 mar. 12	New York.
Williams, Alfred H., 6 dec. 73.....	23 inf.....	2 apr. 12	Philadelphia.
Young, Thomas M., 15 mar. 86.....	8 regt.....	17 apr. 96	New York.
FIRST LIEUTENANTS			
Barnum, Edward H. (bvt. cap.), 25 sep 03.....	c. d.....	12 jan. 10	Brooklyn.
Bridges, Charles W., 3 dec. 88.....	14 inf.....	11 oct. 99	Brooklyn.
Calkins, Frederic R., 25 may 07.....	m. c.....	26 nov. 10	Watertown.
Clute, William T., 31 dec. 83.....	asst. surg. 36 sep. co.....	31 jan. 94	Schenectady.
Dorval, Alphonzo C. (bvt. cap.), 12 dec. 98.....	asst. surg. 9 sep. co.....	10 may 04	Whitehall.
Gresham, Christopher (bvt. cap.), 29 apr. 98.....	10 inf.....	16 jun. 10	Albany.
Haviland, George W., Jr. (bvt. cap.), 18 may 96.....	10 inf.....	3 jun. 09	Flushing.
Knight, Archibald Stephen, 4 mar. 08.....	m. c.....	28 mar. 11	Rochester.
Laing, George Edgar (bvt. cap.), 22 oct. 98.....	3 batty.....	10 apr. 12	Brooklyn.
List, John, 30 apr. 00.....	71 inf.....	7 jun. 10	New Rochelle.
Loughran, Elbert DuBois, 23 jan. 09.....	m. c.....	2 feb. 12	Kingston.
McNamara, John Patrick, 15 jul. 95.....	14 inf.....	31 aug. 00	Brooklyn.
Mason, Samuel John (bvt. cap.), 14 sep. 99.....	3 inf.....	6 nov. 11	Niagara Falls.
Meyers, John Henry, 3 dec. 03.....	74 inf.....	21 mar. 14	Buffalo.
Philcox, Frederick James, 30 jun. 11.....	65 inf.....	10 jun. 14	Buffalo.
Platt, William John, 13 apr. 06.....	74 inf.....	28 sep. 14	Buffalo.
Smith, Joseph M., 7 jul. 87.....	22 regt.....	13 oct. 97	New York.
Tracy, William J., 8 apr. 13.....	m. c.....	5 may 16	Hornell.
Travis, William Jewett (bvt. maj.), 8 nov. 00.....	23 inf.....	1 feb. 06	Brooklyn.
Underwood, John N. (bvt. cap.), 22 aug. 81.....	6 batty.....	7 oct. 02	Binghamton.
Vanamee, Talcott Ostrom, 6 feb. 11.....	1 inf.....	6 feb. 11	Newburgh.
Wilkins, George T., 5 oct. 85.....	supn.....	26 jan. 14	Penn Yan.

RETIRED OFFICERS — (Concluded)

NAME, GRADE AND DATE OF RANK	RETIRED		Residence.
	Organisation	Date	
SECOND LIEUTENANTS			
Beutell, Martin L., 2 jan. 78.....	19 sep. co.....	13 mar. 96	Troy.
Dick, Adolph E., 20 apr. 81.....	22 regt.....	3 aug. 93	New York.
Gombers, Alexander Stevens, 5 mar. 08	23 inf.....	27 aug. 09	Brooklyn.
Gross, John H. (bvt. 1 lt.), 10 jun. 81..	6 batty.....	14 jun. 06	Binghamton.
Maaten, Daniel Westley, 28 sep. 93....	46 sep. co.....	20 oct. 03	Troy.
Merritt, Graham B., 29 jul. 79.....	16 bat.....	14 mar. 12	Oswining.
McGreevey, John, 25 may 87.....	7 inf.....	19 apr. 99	New York.
Nickerson, Lorenzo Miller, 6 nov. 93....	3 batty.....	16 jun. 05	Brooklyn.
Post, Henry, 9 dec. 12.....	74 inf.....	7 jul. 14	Buffalo.
Raymond, Edward Denton, 25 nov. 95..	14 inf.....	3 oct. 06	Brooklyn.
Thompson, Alex. R. (2 lt.), 28 feb. 18..	9 c. a. c.....	29 mar. 18	New York.
VanKleeck, Wm. H., Jr., 11 nov. 95....	13 cav.....	15 apr. 15	New York.
CHAPLAINS			
Converse, Rob Roy McNulty, 5 jun. 07	3 inf.....	31 dec. 11	Rochester.
Dunnell, William N., (bvt. maj.), 15 apr. 74.	22 eng.....	15 apr. 05	New York.
Morgan, David, P., 30 jul. 85.....	sq. A.....	11 dec. 06	New York.
Parker, Lindsey, 19 mar. 94.....	23 inf.....	4 nov. 09	Brooklyn.
Rhoades, William C. P., 31 jan. 00....	c. a. c.....	31 dec. 11	Brooklyn.
Richards, George B., 26 dec. 99.....	65 inf.....	14 nov. 10	Buffalo.
Tenney, Albert Francis, 9 may 99.....	10 inf.....	31 dec. 11	Pelham Manor.
Tilton, Edgar, Jr., 8 nov. 00.....	71 inf.....	11 mar. 12	New York.
BREVET COMMISSION OF CAPTAIN ISSUED FOR GALLANT AND MERITORIOUS SERV- ICE			
Patrick H. Dailey, 21 jun. 17, enlisted 21 may 62, at Albany to serve three months; mustered in same date; mustered out 8 sep. 62; enlisted 9 sep. 63, in co. G, 14 Conn vol. inf. wounded 24 may 64, at North Anna, Va.; trans. to 119 co., vet. res. corps 19 jan. 65; dis. 27 jul. 65.			

**BREVET COMMISSIONS AS SECOND LIEUTENANTS ISSUED TO ENLISTED
MEN RETIRED AFTER TWENTY-FIVE YEARS' SERVICE**

NAME	Grade and organization when brevetted	Date of rank	Residence
Brewster, Joseph.....	qm. sgt. co. B 23 inf.....	3 may 98	Brooklyn.
Woodcock, Thomas.....	sgt. color bearer 13 regt.....	18 may 98	Brooklyn.
MacVetty, Robert J.....	pvt. co. K 23 inf.....	28 nov. 98	Brooklyn.
Holt, Charles J.....	qm. sgt. co. G 23 inf.....	30 jan. 99	Brooklyn.
Lent, Whitman S.....	pvt. co. I 7 inf.....	9 may 00	New York.
Kemp, William Cullen Bryant.....	pvt. co. B 7 inf.....	30 oct. 00	New York.
Page, John McC.....	pvt. 36 sep. co. 2 inf.....	14 jun. 01	Schenectady.
Mingay, Richard.....	pvt. 23 sep. co. 2 inf.....	18 jul. 02	Saratoga Springs.
Miller, Charles A.....	sgt. co. E, 47 inf.....	9 may 03	Brooklyn.
Kelly, John.....	sgt. co. G 47 inf.....	23 oct. 03	Brooklyn.
Brown, George W.....	drum. maj. 23 inf.....	10 dec. 03	Brooklyn.
Guardinier, Theodore.....	qm. sgt. co. C 10 bat.....	15 mar. 04	Albany.
Wright, Joseph H.....	mus. 47 inf.....	21 mar. 04	Brooklyn.
Arthur, Frank.....	pvt. 31 sep. co. 4 bat.....	28 mar. 04	Mohawk.
Narwood, Edward H.....	color bearer 13 regt.....	25 apr. 05	Brooklyn.
Hagin, Edward.....	pvt. 37 sep. co. 2 inf.....	21 nov. 05	Schenectady.
Adgate, Joseph J.....	sgt. maj. 71 inf.....	11 dec. 05	New York.
Cornell, Reuben Lovel.....	drum. maj. 14 inf.....	23 jan. 06	Brooklyn.
Wood, Samuel M.....	qm. sgt. co. H 23 inf.....	13 feb. 06	Brooklyn.
Haw, Philip H.....	mus. co. C 7 inf.....	16 jun. 06	New York.
Everdell, Henry.....	qm. sgt. co. D 7 inf.....	30 jun. 06	New York.
Way, Edward.....	color bearer 2 inf.....	24 jul. 06	Troy.
Breen, Robert B., Jr.....	pvt. co. B 8 inf.....	29 oct. 06	New York.
Parl, Frederick Christopher.....	mus. 28 sep. co. 1 inf.....	28 dec. 06	Utica.
Flett, William Alexander.....	1 sgt. co. B 74 inf.....	5 jan. 07	Buffalo.
Daniell, John, Jr.....	pvt. co. G 7 inf.....	19 feb. 07	New York.
Bontag, George J.....	pvt. co. G 7 inf.....	19 feb. 07	New York.
Bruford, Noah.....	color bearer 71 inf.....	25 feb. 07	New York.
Hildreth, Hirschel P.....	pvt. co. K 23 inf.....	10 apr. 07	Brooklyn.
Moog, John J.....	qm. sgt. 3 bat.....	23 may 07	Brooklyn.
Unger, Joseph.....	1 sgt. co. B 23 eng.....	29 may 07	New York.
Fox, Horace E.....	pvt. co. D 7 inf.....	22 oct. 07	New York.
Dederer, Joseph R.....	pvt. co. F 7 inf.....	22 oct. 07	New York.
Williams, Joseph.....	qm. sgt. co. H 7 inf.....	28 oct. 07	New York.
Cornee, Victor.....	sgt. 18 co. c. a. c.....	29 feb. 08	New York.
Logan, Edward D. B.....	1 sgt. co. H 14 inf.....	27 apr. 08	Brooklyn.
Menaies, Alexander G.....	regt. qm. sgt. 12 inf.....	16 may 08	New York.
Robinson, William A.....	1 sgt. co. D 23 inf.....	2 sep. 08	Brooklyn.
Warren, William W.....	post qm. sgt. qm. dept.....	26 oct. 08	New York.
Oliver, Thomas.....	pvt. co. G 10 inf.....	7 apr. 09	Yonkers.
Tillotson, George Harrison.....	pvt. co. G 10 inf.....	7 apr. 09	Yonkers.
Buokhorn, Frank.....	sgt. 26 co. c. a. c.....	16 aug. 09	New York.
Farrell, Peter J.....	ord. sgt. 14 inf.....	15 sep. 09	Brooklyn.
Duteher, Dewitt P.....	pvt. co. G 23 inf.....	10 feb. 10	Brooklyn.
Edwards, Joseph.....	pvt. co. L 3 inf.....	26 feb. 10	Elmira.
Massa, James.....	qm. sgt. co. A 12 inf.....	1 jun. 10	New York.
Van Heusen, Anthony B.....	sgt. co. B 12 inf.....	1 jun. 10	New York.
McDowell, Patrick.....	qm. sgt. co. A 69 inf.....	24 jun. 10	New York.
Schiebel, Henry.....	mus. co. G 71 inf.....	11 jul. 10	New York.
Arbuckle, John W.....	corp. co. G 10 inf.....	24 sep. 10	Yonkers.
Gendar, William S.....	sgt. maj. j. g. c. a. c.....	14 nov. 10	Brooklyn.
Schoonmaker, Edward C.....	pvt. co. D 7 inf.....	26 nov. 10	New York.
McNevin, James.....	ord. sgt. c. a. c.....	2 dec. 10	Brooklyn.
Ellias, Herman F. C.....	qm. sgt. 16 co. c. a. c.....	23 dec. 10	New York.
Place, Joseph F.....	sgt. co. C 47 inf.....	3 mar. 11	Brooklyn.
Delefield, Albert.....	qm. sgt. co. I 7 inf.....	27 apr. 11	New York.
Harvey, Thomas Mackness.....	sgt. maj. s. g. c. a. c.....	31 may 11	Brooklyn.
Ross, William.....	qm. sgt. co. B 2 inf.....	18 dec. 11	Cohoes.
Schneider, August.....	drum. maj. 74 inf.....	10 jun. 12	Buffalo.
Macy, Frank W.....	1 sgt. co. F 10 inf.....	17 jun. 12	Hudson.
Kinney, James T.....	pvt. co. F 23 inf.....	31 oct. 12	Brooklyn.
Hyson, William.....	regt. qm. sgt. 47 inf.....	6 nov. 12	Brooklyn.
Reisig, Charles H.....	qm. sgt. co. E 7 inf.....	23 dec. 12	New York.
Brintnall, Charles S.....	pvt. co. A 2 inf.....	14 jan. 13	Troy.
Sullivan, John J.....	2 class pvt. co. B 22 eng.....	2 may 13	New York.
Meisner, John F.....	sgt. band 74 inf.....	2 may 13	Buffalo.
Meyer, Daniel C.....	pvt. co. C 7 inf.....	12 may 13	New York.
Alair, John S.....	sgt. maj. 12 inf.....	16 may 13	New York.
Lane, James H.....	comy. sgt. 10 inf.....	4 sep. 13	Albany.
Lehreridge, Melvin W.....	pvt. co. H 2 inf.....	21 oct. 13	Amsterdam.
Graham, Chauncey B.....	post qm. sgt. 13 arty. dist.....	5 nov. 13	Brooklyn.
Pennoyer, Charles H.....	pvt. co. G 23 inf.....	3 dec. 13	Brooklyn.
Summers, William M.....	pvt. co. E 23 inf.....	3 dec. 13	Brooklyn.
Sweeney, John W.....	pvt. co. D 23 inf.....	3 dec. 13	Brooklyn.
McDermott, John.....	color sgt. 12 inf.....	19 dec. 13	New York.

**BREVET COMMISSIONS AS SECOND LIEUTENANTS ISSUED TO ENLISTED
MEN RETIRED AFTER TWENTY-FIVE YEARS' SERVICE — (Concluded)**

NAME	Grade and organization when brevetted	Date of rank	Residence
Nimmo, William H. D.	pvt. co. I 10 inf.	17 dec. 13	Flushing.
Gleason, Charles E.	pvt. co. E 7 inf.	19 dec. 13	New York.
Morris, John J.	pvt. 15 co. c. a. c.	9 mar. 14	New York.
Meeker, James H.	pvt. co. H 1 inf.	13 mar. 14	Binghamton.
Olin, Frank Lester.	qm. sgt. co. G 1 inf.	3 apr. 14	Oneonta.
Rowe, Chester A.	pvt. co. F 2 inf.	3 apr. 14	Sebecetady.
Scobie, Andrew J.	mus. co. D 1 inf.	1 may 14	Ogdensburg.
Kretschkolb, Louis.	chief trumpeter, c. a. c.	11 may 14	New York.
Prull, Charles W.	pvt. co. M 10 inf.	18 may 14	Kingston.
Knight, Frank M.	post qm. sgt. 7 inf.	17 jun. 14	New York.
Simons, Andrew J.	post qm. sgt. 2 inf.	15 jul. 14	Troy.
Bush, Amos J.	1 sgt. batty. C 1 f. a.	24 jul. 14	Binghamton.
Morgan, William M.	pvt. co. H 7 inf.	10 oct. 14	New York.
Tallon, Edward.	pvt. co. D 69 inf.	30 oct. 14	New York.
Hand, Anthony.	pvt. co. D 69 inf.	30 oct. 14	New York.
Dillon, Joseph M.	1 sgt. co. L 1 inf.	5 nov. 14	Newburgh.
Johnston, John.	mus. co. B 14 inf.	9 nov. 14	Brooklyn.
Howard, Joseph F.	sgt. co. E 14 inf.	16 nov. 14	Brooklyn.
Leonard, George W.	pvt. co. E 14 inf.	16 nov. 14	Brooklyn.
Kretscham, Emil A.	sgt. band 7 inf.	23 nov. 14	New York.
Walker, Edward.	pvt. co. D 23 inf.	14 dec. 14	Brooklyn.
Jansen, John G.	regt. sgt. maj. 1 f. a.	15 dec. 14	New York.
Serven, Marshall W.	qm. sgt. co. A 7 inf.	31 dec. 14	New York.
Eason, Alfred I.	qm. sgt. c. a. c. 13 c. d. c.	11 jan. 15	Brooklyn.
Shumway, Albert.	pvt. co. H, 7 inf.	20 jan. 15	New York.
Kerr, Thomas F.	sgt. co. K, 69 inf.	27 jan. 15	New York.
Plate, Edward D.	pvt. 8 co. c. a. c.	10 feb. 15	Brooklyn.
Bailey, James.	pvt. 8 co. c. a. c.	10 feb. 15	Brooklyn.
Scheurer, Charles T.	1 sgt. co. C, 10 inf.	10 feb. 15	Albany.
Maxwell, John.	bat. sgt. maj. 65 inf.	15 mar. 15	Buffalo.
Rogers, James C.	1 sgt. co. C, 71 inf.	29 mar. 15	New York.
Wilson, George A.	qm. sgt. 13 c. d. c.	31 mar. 15	Brooklyn.
Arnot, Raymond.	pvt. 19 co. c. a. c.	8 apr. 15	New York.
Kellogg, Benjamin A.	pvt. co. G, 7 inf.	15 apr. 15	New York.
Martin, Isaac S.	qm. sgt. 12 inf.	26 apr. 15	New York.
Wenk, Augustus J.	qm. sgt. 12 inf.	30 apr. 15	New York.
Mason, Walter C.	regt. sgt. maj. 65 inf.	19 may 15	Buffalo.
McCarthy, Joseph A.	pvt. co. H, 23 inf.	21 may 15	Brooklyn.
Brown, Charles H.	drum maj. 7 inf.	20 may 15	New York.
Guerra, Theodore.	sgt. co. C, 7 inf.	19 jun. 15	New York.
Halliday, Charles G.	pvt. co. C, 7 inf.	24 jun. 15	New York.
Davis, Richard N.	drum major, band, 71 inf.	6 jul. 15	New York.
Schaffner, Samuel S.	sgt. qm. corps.	9 jul. 15	Buffalo.
Murray, Charles.	pvt. co. D, 7 inf.	14 jul. 15	New York.
Dixon, William A.	sgt. co. G, 7 inf.	14 jul. 15	New York.
McCoy, Frank.	pvt. co. C, 7 inf.	21 jul. 15	New York.
Wanty, Edward.	pvt. co. B, 7 inf.	15 oct. 15	New York.
Rose, Emerson H.	qm. sgt. co. I, 1 inf.	28 oct. 15	Middletown.
Stevens, William B.	color sgt. co. K, 2 inf.	9 nov. 15	Glens Falls.
Parker, Alexander.	qm. sgt. 8 co. c. a. c.	21 dec. 15	New York.
Bavter, William W.	pvt. co. C, 7 inf.	28 jan. 16	New York.
Hedenberg, Frank B.	pvt. co. F 23 inf.	13 mar. 16	Brooklyn.
May, Martin.	pvt. 2 co. 13 c. d. c.	1 may 16	Brooklyn.
Howland, Edward A. J.	sgt. co. G 7 inf.	25 may 16	New York.
Taylor, Frederick N.	1 sgt. co. K 71 inf.	25 may 16	New York.
Graham, Thomas.	qm. sgt. co. K 47 inf.	1 jun. 16	Brooklyn.
Berg, Charles F.	pvt. co. C, 7 inf.	7 jun. 16	New York.
Drake, Arohie T.	sgt. H. corps 74 inf.	8 june 16	Buffalo.
Burton, William H., Jr.	regt. sgt. maj. 10 inf.	27 jun. 16	Albany.
Hessels, Francis H.	pvt. co. H 10 inf.	27 jun. 16	Mt. Vernon.
Schick, Henry J.	1 sgt. co. H 65 inf.	5 jul. 16	Buffalo.
Donovan, George.	qm. sgt. 12 inf.	8 jul. 16	New York.
Loughlin, Francis J.	comy. sgt. 12 inf.	8 jul. 16	New York.
Youngs, George B.	1 sgt. co. I 71 inf.	21 jul. 16	New York.
Busse, Courtney.	pvt. 7 inf.	21 dec. 16	New York.
Hanft, Charles G.	pvt. co. C, 7 inf.	13 feb. 17	New York.
Doyle, George H.	sup. sgt. 71 inf.	24 mar. 17	New York.
Bajart, Charles N.	color sgt. 12 inf.	14 apr. 17	New York.
King, Preston L.	mess sgt. co. I 2 inf.	25 apr. 17	Whitehall.
Dyson, William.	sgt. 12 inf.	3 may 17	New York.
Morris, Frank A.	qm. sgt. qm. corps.	11 may 17	Brooklyn.
Potter, Arthur E.	sup. sgt. 1 inf.	25 may 17	Binghamton.
Butts, Albert.	art. 1 inf.	25 may 17	Oneonta.
Haffa, Oscar J.	sgt. bug. 3 field arty.	6 jun. 17	Buffalo.
Le More, Charles W.	qm. corps.	22 jun. 17	New York.

RESERVE OFFICERS

NAME, GRADE AND DATE OF RANK	To Reserve List		Residence
	Organization in which last served	Date	
BRIGADIER GENERALS			
Bridgman, Oliver Benedict, 1 aug. 16.	d. b. 1 brig.	6 oct. 16	New York.
Butt, McCoskry, 3 mar. 98.	1 brig.	1 jul. 01	New York.
Footo, John H., 26 mar. 17.	2 brig.	21 jan. 17	Brooklyn.
Hamilton, Henry De Witt, 1 jan. 13.	The a. g. S. N. Y.	31 dec. 14	New York.
Kemp, F. De Forest, 22 nov. 17.	3 brig.	30 apr. 19	Buffalo.
Sherrill, Charles H., 1 sep. 17.	The a. g. S. N. Y.	1 sep. 17	New York.
Stotesbury, Louis Wm., 1 jan. 17.	The a. g. S. N. Y.	7 sep. 17	New York.
Turgeon, Newton E., 29 jul. 19.	4 brig.	15 sep. 19	Buffalo.
Verbeck, Wm., 1 jun. 10.	The a. g. S. N. Y.	13 apr. 17	Buffalo.
Wilson, William, 9 jun. 15.	4 brig.	1 sep. 17	Geneva.
COLONELS			
Andrews, James M., 23 oct. 16.	U. S. A.	6 may 19	New York.
Austin, Eugene Kelly, 12 jul. 98.	108 inf.	22 dec. 98	New York.
Babcock, Charles Edward Payne, 8 jun. 14.	65 inf.	11 jul. 16	Buffalo.
Beals, Pascal, P., 8 jan. 84.	asst. in dept. of rifle practice.	24 dec. 91	Buffalo.
Baldwin, Harry D., 23 feb. 20.	47 inf.	12 nov. 19	Brooklyn.
Britton, Edward E., 16 may 19.	inf.	20 may 19	Brooklyn.
Burleigh, George W., 19 sep. 18.	9 c. d. e.	2 oct. 19	New York.
Byrne, John J., 15 may 17.	U. S. A.	17 may 19	New York.
Collins-Stanforth, Frank S., 29 mar. 86.	supn.	24 dec. 91	New York.
Conley, Louis D., 14 sep. 18.	69 inf.	13 sep. 18	New York.
Crall, Howard E., 13 oct. 19.	7 inf.	24 may 19	New York.
Crimmins, Thomas, 14 jul. 19.	U. S. A.	9 may 19	New York.
Davis, Loyal Lensey, 5 jul. 1.	2 inf.	1 jul. 15	Glens Falls.
Dauchy, William P., 22 nov. 17.	2 inf.	1 may 19	Troy.
Delaney, John T., 20 feb. 18.	U. S. A.	2 may 19	New York.
Denny, Thomas, 16 jun. 17.	12 inf.	21 feb. 19	New York.
Fisk, Willard C., 2 dec. 16.	U. S.	12 dec. 19	Jersey City.
Garcia, William L., 5 apr. 19.	14 inf.	5 apr. 19	Brooklyn.
Grant, Sydney, 21 jun. 16.	U. S.	12 jul. 19	Brooklyn.
Griffith, William Morton, 14 jan. 97.	asst. chief of arty.	31 dec. 98	Jamaica, L. I.
Hilton, Albert B., 1 jan. 86.	supn.	31 dec. 94	New York.
Hines, Frank H., 8 oct. 17.	U. S. A.	28 may 19	Brooklyn.
Hitchcock, Charles H., 26 apr. 05.	1 inf.	3 mar. 19	Binghamton.
Hotchkin, Walter B., (ovt. brig. gen.), 26 apr. 06.	22 eng.	23 dec. 14	New York.
Jarvis, James Morgan, 26 jan. 99.	8 inf.	10 dec. 06	New York.
Jennings, Edgar S., 29 dec. 15.	inf.	10 apr. 19	Auburn.
Kavanaugh, George Washington, 24 feb. 96.	asst. qm. gen.	31 dec. 98	New York.
Kellogg, Frederick Sheffield, 3 jan. 95.	asst. qm. gen.	31 dec. 98	Utica.
Klein, John F., 1 feb. 11.	10 inf.	29 apr. 18	Flora Park, L. I.
LeBoutillier, Wm. Guitton, 3 apr. 06.	chief surg. div.	28 may 17	Long Lake.
Low, James Thomas, 9 aug. 95.	asst. in o. d.	31 dec. 98	Niagara Falls.
Luscomb, Charles Harris, 16 may 98.	13 inf.	28 nov. 98	Brooklyn.
Moss, Royal Emile, 30 jan. 95.	asst. comy. gen. of sub.	31 dec. 98	Red Bank, N. J.
O'Grady, James M. E., 25 feb. 98.	asst. a. g.	31 dec. 98	Rochester.
Rice, William G., 17 feb. 75.	asst. paymaster gen.	2 mar. 85	Albany.
Rogers, Archibald, 22 nov. 17.	1st inf.	20 mar. 19	Hyde Park.
Rogers, Henry Huddleston, 1 jul. 13.	1 f. a.	3 may 17	New York.
Smith, Clarence W., 20 dec. 17.	13 c. d. c.	13 sep. 19	Brooklyn.
Smith, Howard, 4 dec. 18.	insp. gen. dept.	2 jan. 19	New York.
Strong, Prentice, 16 may 16.	1 f. a.	13 may 19	New York.
Taylor, William A., 26 apr. 18.	U. S.	11 aug. 19	Troy.
Teets, Sylvannusa, 27 mar. 18.	8 c. d. c.	7 aug. 19	New York.
Treadwell, Harry H., 2 nov. 17.	22 eng.	1 oct. 19	New York.
Treadwell, George Curtis, 6 oct. 10.	mil. sec.	9 oct. 16	Albany.
Trevor, Henry Graff, 3 mar. 98.	asst. comy. gen. of sub.	31 dec. 98	Southampton, L. I.
Wadsworth, Clarence Seymour, 6 may 13.	12 inf.	27 sep. 16	New York.
Warren, Charles E., 27 aug. 14.	U. S.	5 sep. 19	New York.

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Chapin, William H., 4 nov. 15.	insp. gen. dept.	4 may 18	New York.
Dunspough, Merrill Mandville, 9 sep. 09.	3 brig.	20 jun. 16	Hosick Falls.
Williams, Chauncey P., 4 may 99.	a. g. dept.	4 may 18	Albany.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	To RESERVE LIST		Residence
	Organization in which last served	Date	
LIEUTENANT COLONELS			
Alden, George Marshall, 24 feb. 16.	2 inf.	18 may 16	Troy
Anderson, Alex. E., 9 mar. 19.	U. S.	25 jun. 19	New York.
Austin, James E., 20 feb. 19.	U. S. A.	12 may 19	New York.
Babcock, Edwin G., 29 jul. 18.	13 c. d. c.	3 feb. 19	Brooklyn.
Bell, Walter L., 11 sep. 18.	U. S.	23 jun. 19	Brooklyn.
Brennan, Edward C., 2 jul. 98.	supn.	10 jan. 99	Brooklyn.
Brooks, Henry Harlow, 7 jul. 16.	d. b. 7 inf.	28 oct. 16	New York.
Broun, Heywood C., 14 mar. 94.	asst. in dept. of rifle practice.	31 dec. 98	New York.
Burton, Wingfield G., 12 jan. 80.	supn.	19 dec. 85	New York.
Eliot, W. G., 18 dec. 18.	71 inf.	30 dec. 18	New York.
Colfax, Schuyler, 2 sep. 18.	ord. dept. 3 inf.	9 dec. 18	Rochester.
Collin, Thomas C., 3 sep. 19.	2 inf.	3 sep. 19	Cohoes.
Collis, Lloyd, 14 may 17.	U. S.	23 jul. 19	New York.
Cookinham, Henry J., 6 apr. 17.	U. S.	21 nov. 19	Utica.
Culver, John Y., 3 may 80.	eng. 2 div.	5 aug. 86	Mt. Kisco.
Dean, Frank, 9 jun. 19.	13 c. d. c.	10 sep. 19	Brooklyn.
DeLafield, Edward, 30 sep. 18.	9 c. d. c.	8 oct. 19	New York.
Downs, William E., 6 apr. 17.	U. S.	18 jul. 19	New York.
DeLamater, Walter.	U. S.	2 jul. 19	Yonkers.
Endress, William Fries, 13 apr. 98.	supn.	31 dec. 98	New York.
Flynn, John, Jr., 11 jul. 98.	asst. chief of eng.	31 dec. 98	Troy.
Gaus, Louis H., feb. 19.	U. S.	24 jun. 19	Albany.
Giddings, Emanuel, 22 feb. 19.	m. c., U. S. A.	19 may 19	New York.
Goldman, Henry J., 28 jun. 16.	U. S. cav.	28 jun. 16	Menands.
Hamlin, George Francis.		7 jun. 17	St. Louis, Mo.
Haubold, Rudolph, 19 feb. 18.	22 eng.	11 oct. 19	New York.
Hayte, Edward D., 27 aug. 78.	17 battn.	17 dec. 81	New York.
Hegeman, John C., 23 nov. 20.	8 c. d. c.	11 jul. 19	New York.
Hellner, George Corson, 12 jul. 98.	108 inf.	22 dec. 98	New York.
Hess, Frank Judson, 30 mar. 97.	asst. gen. insp. of rifle practice.	31 dec. 98	Rochester.
Howard, Edward V. 8 jun. 11.	a. g. dept.	31 dec. 19	Brooklyn.
Jackson, Alex. M., 10 nov. 17.	2 inf.	18 sep. 19	Schenectady.
Kincaid, J. Leslie, 9 sep. 18.	j. adv. gen. dept.	10 apr. 19	Syracuse.
Kingsbury, Howard T., 2 sep. 18.	j. adv. gen. dept.	15 jan. 19	New York.
Lambert, Walter Eyre, 2 apr. 98.	surg. 1 brig.	1 jul. 01	New York.
Latta, Jefferson B., 6 jun. 19.	U. S.	8 nov. 19	Rochester.
Mather, Adrian Whitford, 18 feb. 04.	3 brig.	1 apr. 09	Albany.
Middleton, Clifford L., 19 apr. 86.	asst. a. g. 4 brig.	8 aug. 86	Brooklyn.
Moran, James, 12 mar. 88.	69 inf.	6 dec. 93	Brooklyn.
Moran, Robert Galloway, 10 jan. 11.	div. hdqrs.	21 mar. 17	Brooklyn.
Moynahan, Timothy, 22 oct. 18.	U. S.	27 aug. 19	New York.
Nagle, Percival, 16 nov. 12.	U. S.	29 jul. 19	New York.
Olmstead, Edward, 9 sep. 18.	U. S. A.	12 may 19	New York.
Porter, Augustus Drum, 18 nov. 12.	12 inf.	25 may 16	New York.
Ranson, Charles Meredith, 25 feb. 02.	4 brig.	24 may 17	Buffalo.
Royce, Henry H., 6 jan. 19.	2 f. a.	26 feb. 19	Brooklyn.
Sayre, R. H., 2 sep. 18.	squad a., 1 cav.	1 nov. 18	New York.
Schermerhorn, Arthur F., 1 nov. 98.	112 inf.	24 jan. 99	New York.
Shanton, Thomas H., 4 feb. 09.	U. S.	13 nov. 19	Pleasantville, N. Y.
Sickles, George Stanton, 28 may 97.	supn.	31 dec. 98	New York.
Simmons, Charles Alonso, 6 jun. 11.	asst. a. g.	6 jul. 15	Ithaca.
Thiery, Lewis M., 25 may 17.	U. S.	20 aug. 19	New York.
Tobry, Bennett H.		1 aug. 17	Glen Cove, L. I.
Treanor, John Patrick, 15 jun. 12.	asst. A. G. S. N. Y.		Albany.
Wadhams, Robert F., 18 apr. 18.	m. c., U. S. A.	26 jun. 19	New York.
Weber, Abraham L., 10 dec. 79.	5 reg.	17 dec. 81	New York.
Wells, Frederick Adams, 18 sep. 13.	23 inf.	29 jul. 16	Brooklyn.

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Barnes, Walter F., 29 nov. 07.	2 brig.	29 dec. 16	Brooklyn.
Garcia, Wm. L., 7 jun. 06.	14 inf.	7 apr. 17	Brooklyn.

MAJORS

Addison, Matthew G., 16 mar. 16.	U. S.	13 jun. 19	Brooklyn.
Anderson, Holger, 19 aug. 19.	U. S.	11 aug. 19	Scotia.
Augustin, George W., 8 may 17.	U. S., m. o.	14 may 19	Oneonta.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	To RESERVE LIST		Residence
	Organization in which last served	Date	
MAJORS — Continued			
Bagnall, Henry D., 4 feb. 19	U. S.	18 oct. 19	Buffalo.
Banks, David, Jr., 1 nov. 98	112 inf.	10 jan. 99	New York.
Banks, Robert Lenox, 17 mar. 86	5 brig.	5 aug. 86	Albany.
Barmon, Daniel W., 30 sep. 18	Ord. dept. 4 inf.	26 nov. 19	Buffalo.
Barrows, David N., 8 apr. 18	med. c., 1 f. a.	22 oct. 18	Albion, N. Y.
Barry, William C., 15 oct. 17	1 cav.	13 jun. 19	Rochester.
Berry, Joseph Ignatius, 1 jul. 13	2 f. a.	13 jan. 16	New York.
Bigelow, Elliot, Jr., 2 mar. 08	sig. corps.	5 sep. 14	Brooklyn.
Bishop, Edwin F., 13 apr. 86	supn.	5 aug. 86	Buffalo.
Blair, James A., Jr., 10 aug. 17	ins. G. dept. N. Y. G.	30 oct. 17	New York.
Blakeslee, Chas. G., 20 feb. 19	U. S. A.	14 may 19	Binghamton.
Brown, Herbert P., 10 aug. 85	supn.	5 aug. 86	New York.
Brown, Thurber A., 11 dec. 17	3 inf.	16 jun. 19	Elmira.
Bruce, Charles E., 19 oct. 18	1 f. a., m. c.	12 jul. 19	New York.
Bruns, Frederick V., 10 feb. 19	3 inf.	14 jun. 19	Auburn.
Butler, Henry L., 31 mar. 17	U. S.	2 oct. 19	East Orange, N. J.
Button, Scott, 5 jul. 16	U. S.	2 jun. 19	Schenectady.
Campbell, William Francis, 30 apr. 10	m. c.	13 aug. 15	Brooklyn.
Cantline, Peter, 15 sep. 17	1 inf.	19 dec. 19	Newburgh.
Chandler, George Fletcher, 9 jan. 12	hdqrs.	7 may 17	Albany.
Charles, William S., 9 jul. 17	3 inf.	22 jan. 18	Hornell, N. Y.
Chemidlin, Emile D., 26 feb. 19	2 f. a.	19 may 19	Brooklyn.
Claiborne, J. Herbert, 26 feb. 18	m. c.	11 aug. 19	New York.
Cluett, Walter H., 1 nov. 17	5 bat.	29 aug. 19	Saranac Lake.
Cochran, George G., 25 oct. 92	13 inf.	7 may 98	Brooklyn.
Cochran, John A., 24 may 88	surg. 13 inf.	28 nov. 98	Brooklyn.
Collins, George William, 12 jul. 98	supn.	24 feb. 99	New York.
Conklin, Charles C., 20 may 74	supn.	18 dec. 75	New York.
Cooper, Phillip, 26 aug. 18	4 inf., m. c.	19 jun. 19	Elmira.
Cowdrey, John Jay, 18 may 17	U. S.	6 oct. 19	New York.
Crossett, Frederick Melvin, 2 jul. 10	mil. sec. to governor S. N. Y.	23 oct. 17	New York.
Dana, Paul, 7 may 83	o. o. 1 brig.	9 feb. 98	Glen Cove, L. I.
Dayton, Edwin W., 19 nov. 12	U. S.	26 sep. 19	New York.
DeKay, Sidney, 9 apr. 17	U. S.	26 jun. 19	New York.
Donnelly, William M., 15 oct. 19	2 inf.	15 sep. 19	Troy.
Dubois, Charles A., 12 mar. 18	22 eng.	23 oct. 19	New York.
Duffy, John Edward, 7 jun. 04	69 inf.	2 may 16	New York.
Dyer, Lorenzo D., 4 dec. 17	6 bat.	25 mar. 19	East Hampton.
Dyett, Albert Henry, 2 may 07	22 c. of e.	21 apr. 15	New York.
Eagle, Clarence H.		28 may 17	New York.
Edwards, Robert, Jr., 19 sep. 99	8 inf.	10 dec. 06	New Rochelle.
Egan, Raphael A., 5 nov. 18	U. S.	24 jul. 19	Newburgh.
Egleston, Nathaniel, 9 nov. 18	U. S.	21 jun. 19	New York.
Ellsworth, Arthur T., 4 apr. 19	insp. gen. dept.	13 may 19	New York.
Enos, Frank M., 6 oct. 17	3 inf., d. b.	7 feb. 18	Rochester.
Erlandson, Oscar, 28 feb. 08	sig. corps.	5 sep. 14	Jamaica.
Fancher, Louis Delton, 14 jun. 17	hdqrs.	5 oct. 17	New York.
Fleming, Thomas Robertson, 26 may 09	asst. to chief c. a.	1 sep. 14	Brooklyn.
Foley, Frank J., 6 sep. 17	g. m. c.	10 jan. 19	New York.
Franchot, Charles P., 23 may 19	U. S.	15 nov. 19	Buffalo.
French, Amos, 3 dec. 18	13 c. d. c.	31 dec. 18	New York.
Garrison, Harvey, 5 sep. 16	U. S. A.	15 may 19	New York.
Gaylord, Melvin S., 10 may 18	3 inf.	19 aug. 19	Geneva.
Gerard, James Watson, Jr., 31 may 00	1 brig.	1 jul. 01	New York.
Gould, Edwin, 28 feb. 18	ord. dept.	13 may 19	New York.
Green, L. M., 8 sep. 17	mil. train. com.	8 sep. 17	New York.
Guggenheim, Robert, 26 sep. 18	U. S.	16 aug. 19	New York.
Hart, Stephen F., 24 may 98	22 regt.	25 aug. 15	New York.
Hays, James P., 20 nov. 17	8th c. d. c.	26 sept. 19	New York City.
Hicks, Horace Madison, 17 feb. 10	m. c.	3 may 17	Amsterdam.
Hinman, Eugene Eunson, 28 dec. 10	m. c. 10 inf.	18 jun. 17	Albany.
Hogan, Daniel John, 24 may 13	2 inf.	8 may 16	Glens Falls.
Honey, Saunders T., 4 oct. 98	108 regt.	22 Dec. 98	
Hoppin, Francis L., 18 mar. 12	a. g. dept. 1 brig.	24 oct. 18	New York.
Hotchkiss, Henry Thomas, feb. 28	maj. 71 N. Y.	16 dec. 15	New York.
Howard, William N., 13 oct. 18	U. S.	15 dec. 19	Mamaroneck, N. Y.
Hubbard, Francis G., 27 nov. 18	1 f. a.	22 mar. 19	New York.
Johnson, George H., 30 jul. 18	U. S.	15 may 19	New York.
Johnson, Reginald H., 23 may 18	8 c. d. c.	11 jul. 19	New York.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	To RESERVE LIST		Residence
	Organization in which last served	Date	
MAJORS—Continued			
Jung, Edward L., 10 oct. 17.	j. a. g. dept.	28 nov. 19	Buffalo.
Keck, Frank, 16 dec. 15.	47 inf.	12 July 17	Brooklyn.
Keech, Frank Brown, 28 mar. 98.	1 brig.	1 jul. 01	New York.
Kemp, George Henry, 14 apr. 09.	13 c. d. c.	2 jul. 15	Brooklyn.
Kendall, Chas. A., 1 jun. 18.	74th inf.	17 nov. 19	Buffalo.
Koch, Joseph, 27 oct. 79.	2 brig.	6 sep. 80	Brooklyn.
Koop, Louis, 1 may 19.	U. S. A.	20 may 19	New York.
Landon, Henry H., 3 jun. 98.	171 inf.	3 jan. 99	New York.
Lawyer, George, 28 feb. 01.	3 b.	4 may 18	Albany.
Leech, Robinson, 27 mar. 18.	1 f. a.	14 jun. 19	New York.
Livingston, Philip, 22 mar. 19.	i. g. dept.	2 apr. 19	New York.
Loeb, Carl H.	cav.	10 apr. 19	Rochester.
Luckey, R. Livingston (bvt. lt. col.), 8 sep. 75.	insp. 7 brig.	17 dec. 81	New York.
Lynn, Charles W., 4 apr. 17.	u. s. a., m. c.	24 may 19	New York.
MacGrotty, Edward F., 20 mar. 10.	22 eng.	22 dec. 14	Glen Rock, N. J.
Macumber, John L., 18 jun. 97.	14 inf.	10 apr. 15	Brooklyn.
Mahon, George F., 26 oct. 17.	22 eng.	23 oct. 19	New York.
Maxfield, Traverse Roche, 21 jun. 98.	surg. 114 inf.	10 dec. 98	Brooklyn.
Maset, Robert, 1 jul. 15.	U. S.	8 nov. 19	Brooklyn.
Merrill, Samuel H., 19 feb. 19.	U. S.	8 may 19	Geneva.
Meyer, Edward John, 9 sep. 98.	surg. 165 regt.	22 dec. 98	Buffalo.
Miller, Mills, 4 oct. 12.	U. S.	5 may 19	New York.
Mitchell, Alfred A.	U. S., q. m. c.	29 apr. 19	Richmond Hill.
Monis, Raymond T., 18 feb. 19.	U. S.	12 aug. 19	Brooklyn.
Moore, John Stanley, 1 jan. 15.	mil. sec. to governor	10 apr. 17	Syracuse.
Murray, Francis Wisner, 11 feb. 85.	surg. 1 brig.	5 aug. 86	New York.
Neff, Lewis Knode, 16 mar. 98.	surg. 8 inf.	10 dec. 06	New York.
Nugent, Charles F., 25 apr. 18.	1 co. batt.	6 dec. 18	New York.
Ormsby, Elmer H., 29 oct. 19.	U. S. m. c.	30 sep. 19	Amsterdam.
O'Rourke, John Francis, 9 aug. 09.	asst. to chief c. a.	19 may 14	New York.
Papen, George W., Jr., 1 may 19.	U. S. m. c.	7 nov. 19	Albany.
Parsons, Herbert, 8 apr. 98.	j. a. 1 brig.	1 jul. 01	New York.
Perrine, Howland D., 8 may 86.	chief sig. off. 2 div.	5 aug. 86	New York.
Peterson, Fred A., 19 feb. 19.	U. S.	12 may 19	New York.
Pilcher, Edward S., 22 aug. 19.	a. g. o.	20 oct. 19	Caldwell, N. J.
Porter, Walter B., 5 apr. 13.	U. S.	2 oct. 19	Bound Brook, N. J.
Read, Harmon Pumpelly, 1 mar. 86.	insp. of rifle practice 2 brig.	5 aug. 86	Albany.
Reed, Latham Gallup, 7 jul. 16.		12 dec. 17	New York.
Ringer, Frederick C., 28 jun. 16.	q. m. c.	31 mar. 17	New Jersey.
Roberts, Winifred H., 26 may 09.	c. a. c.	1 sep. 14	Brooklyn.
Robinson, Ernest F., 30 jul. 18.	U. S.	27 oct. 19	New York.
Robinson, William H., 15 feb. 18.	14 inf.	10 dec. 18	Elmhurst.
Rodgers, George Washington, 17 apr. 08.	13 c. d. c.	1 sep. 14	Brooklyn.
Roeschler, John L., 24 mar. 19.	13 c. d. c.	21 jun. 19	Brooklyn.
Romaine, Washington Tyson, 22 jan. 00.	insp. 1 brig.	1 jul. 01	New York.
Ross, William A., 19 feb. 19.	U. S.	8 may 19	New York.
Sanford, Henry Gansvoort, 2 jul. 13.	1 brig.	1 may 14	Poughkeepsie.
Schermerhorn, Edward Gibert, 24 jan. 99.	military secretary to gov.	18 oct. 13	New York.
(Restored to supernumerary list by act of Legislature as of Oct. 18, 1913)			
Schenck, Gilbert V., 3 feb. 17.	U. S.	13 nov. 19	Albany.
Schieffelin, Schuyler, 11 mar. 98.	i. s. a. p. and o. o. 1 brig.	1 jul. 01	New York.
Schlereth, William John, 14 oct. 98.	169 reg.	24 feb. 99	New York.
Sears, Frank W., 15 mar. 18.	U. S. m. c.	18 aug. 19	Binghamton.
Seymour, Lewis, 27 mar. 17.	1 inf.	12 apr. 18	Binghamton.
Sheehan, James H., 15 apr. 16.	1 inf.	14 jun. 18	Newburgh.
Sherwood, William D., 17 apr. 18.	8 c. d. c., m. c.	15 dec. 19	New York.
Shinn, Charles P., 20 feb. 18.	13 c. d. c.	10 sep. 19	Brooklyn.
Sidman, Frank Elliot, 5 jan. 17.	69 inf.	10 dec. 17	New York.
Siee, Arthur W., 21 jul. 16.	U. S.	22 may 19	Brooklyn.
Sniffen, Elisha, 31 jul. 19.	12 inf.	9 aug. 19	New York.
Snyder, Edward Havemeyer, 5 nov. 08.	47 inf.	19 jun. 15	Brooklyn.
Staats, Charles Bleeker, 13 sep. 06.	10 inf.	23 jun. 16	Albany.
Steers, Alfred E., 22 dec. 04.	2 brig.	4 may 18	Brooklyn.
Stonehouse, John B., 24 jul. 16.		24 jul. 16	Albany.
Strevell, Clarence, 6 mar. 30.	10 inf.	19 jul. 15	Albany.
Templeton, Richard H., 1 apr. 12.	74 inf.	20 oct. 15	Buffalo.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organisation in which last served	Date	
MAJORS—Continued			
Thompson, Hobart Warren, 20 dec. 88.	qm. 3 brig.	16 jan. 91	Troy.
Thompson, John S., 13 oct. 18.	U. S.	9 May 19	Medina.
Tieck, Gustav, J. E., 23 nov. 17.	22 eng. m. c.	10 oct. 19	New York.
Towner, Albert N., 23 aug. 18.	U. S.	18 jun. 19	Towners.
Treanor, John P.	a. g. dept	13 aug. 18	Albany.
Trimble, Louis C., 22 jan. 18.	ord. dept.	31 jan. 19	New York.
Walbridge, Charles Eliphaet, Jr., 5 June 13.	4 brig.	29 may 16	Buffalo.
Waterbury, Fred M., 13 nov. 19.	U. S.	8 nov. 19	New York.
Webb, Francis Egerton, 14 nov. 85.	insp. 1 brig.	5 aug. 86	New York.
Weeks, Frederick E., 7 feb. 18.	8 c. d. c.	3 dec. 19	White Plains.
Wenige, Arthur E., 8 sep. 17.	U. S.	11 jun. 19	Woodhaven, L. I.
Weston, Albert Theodore, 9 jun. 13.	med. corps.	8 jul. 14	New York.
Wheaton, Van B., 16 Apr. 18.	2 inf.	19 jun. 19	Amsterdam.
Wheelock, William F., 22, jan. 18.	U. S.	18 aug. 19	Albany.
Whitney, Alfred Rutgers, jr., 16 aug. 16	d. b. 1 brig.	6 oct. 16	New York.
Winterrott, Emil J., 16 jun. 17.	9 c. d. c.	28 feb. 18	New York.
Wood, John Henry, 3 aug. 98.	109 inf.	22 dec. 98	New York.
Wright William R., 28 Jan. 12.	U. S.	28 may 19	Summit, N. J.
Wylie, Charles, 23 nov. 11.	9 c. d. c.	25 aug. 15	New York.
Vaught, Edley J., 18 dec. 18.	California n. g.		Albany.

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MAJORS			
Bird, Harrison K., 24 dec. 12.	1 brig. 2 div.	4 May 18	New York.
Carlin, Walter J., 24 feb. 18.	insp. g. dept.	27 feb. 19	Brooklyn.
Carlson, Oscar, 14 apr. 19.	inf. n. g. r.	16 apr. 19	Brooklyn.
Cluett, Sanford Lockwood, 26 dec. 08.	3 brig.	4 Jul. 16	Hoosick Falls.
Crall, Howard E., 13 May 19.	inf. n. g. r.	14 May 19	New York.
DeBevoise, Cornelius S., 14 apr. 19.	cav.	17 mar. 19	Brooklyn.
Denison, Alfred Edgar, 24 mar. 14.	10 inf.	23 sep. 16	Albany.
Dye, Daniel C., 8 jun. 07.	1 inf.	23 apr. 17	Utica.
Fairchild, John F., 18 feb. 20.	eng.	29 sep. 19	Mt. Vernon.
Farquharson, James H., 2 May 11.	4 brig.	31 mar. 17	Ransomville.
Froment, Eugene M., 22 apr. 19.	inf.	23 apr. 19	New York.
Gilbert, Newton, 13 aug. 17.	j. a. g. dept.	4 May 19	New York.
Glover, Ralph, 20 mar. 14.	inf.	14 Jul. 19	White Plains.
Jennings, John D., 14 apr. 19.	inf.	19 apr. 19	Brooklyn.
Lilly, John J., 21 feb. 19.	j. a. g. dept.	27 feb. 19	New York.
Martin, Arthur L., 14 mar. 19.	inf.	15 mar. 19	Brooklyn.
Roberts, Carroll Julian, 8 apr. 13.	65 inf. m. c.	16 jun. 16	Buffalo.
Schoen, Stanislaus, 14 mar. 19.	inf.	17 mar. 19	Buffalo.
Van Benthuyssen, Chas. F., 24 feb. 94.	10 inf.	16 dec. 18	Albany.
Warnick, Spencer K., 31 Jul. 17.	j. a. g. d.	4 May 18	Amsterdam.
Whitley, Frederick, 12 mar. 19.	eng.	13 mar. 19	Brooklyn.
Wonderly, Elbert, 12 mar. 19.	inf.	13 mar. 19	Brooklyn.
CAPTAINS			
Abner, Daniel G., 2 May 17.	U. S.	8 dec. 19	Brooklyn.
Acheson, Arthur M., 19 feb. 19.	1 f. a.	27 oct. 19	New York.
Adams, Edgar Hiram, 21 sep. 06.	13 c. a. c.	27 sep. 17	Brooklyn.
Adams, John S., 30 Jan. 18.	5 bat.	29 sep. 19	Malone, N. Y.
Adrianse, I. Reynolds, 11 feb. 75.	a. d. c. 8 brig. 5 div.	17 dec. 81	Poughkeepsie.
Alford, Thos. K., 4 dec. 17.	14 inf.	3 feb. 19	Brooklyn.
Allen, Atkinson, 17 dec. 17.	1 cav.	1 Jul. 19	Rochester.
Allen, Henry Raymond, 5 aug. 12.	1 cav.	22 sep. 14	Rochester.
Anderson, John A., 9 mar. 96.	13 inf.	7 May 98	Brooklyn.
Angus, James Sanford, 10 jun. 08.	47 inf.	19 oct. 17	Brooklyn.
Anhalt, Abraham, 21 Jul. 81.	5 regt.	17 dec. 81	New York.
Annette, Walter Magee, 8 jun. 98.			New York.
Arbogast, Joseph Charles, 18 sep. 06.	65 inf.	18 Jul. 16	Williamsville.
Archer, William James, 26 Jul. 98.	165 inf.	22 dec. 98	Buffalo.
Baker, Floyd Eugene, 15 sep. 98.	169 inf.	24 feb. 99	New York.
Baker, Guy Ellis, 1 sep. 85.	5 brig.	5 Aug. 86	Ballston Lake.
Baldwin, James A., 30 Jan. 18.	5 bat.	11 sep. 18	St. Regis Falls.
Baldwin, Ralph L., 20 Oct. 17.	1 inf.	19 nov. 19	Nyack.
Bangs, Bleecker, 12 July 87.	23 inf.	20 Jan. 19	Brooklyn.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
CAPTAINS—Continued			
Banister, Judson L., 17 dec. 17.	6 bat.	25 mar. 19	East Hampton.
Barbour, Percy Elmer, 16 may 17.	22 eng.	23 may 17	Albany.
Barron, Hugh James, 30 apr. 98.	69 inf.	5 may 99	New York.
Bartholomaei, Albert S., 19 jul. 98.	108 reg.	23 dec. 98	New York.
Bastow, Elwood T., 10 jul. 17.	2 inf.	13 may 19	Hoosick Falls.
Bates, Thomas T., 21 may 18.	sq. A.	4 jun. 19	New York.
Barter, Malcolm, Jr., 8 may 06.	i. s. a. p. 8 inf.	10 dec. 06	New York.
Bedford, Henry E., 14 nov. 19.	23 inf.	11 dec. 19	Brooklyn.
Bell, James A.	c. of en.	11 sep. 16	Richmond Hill
Bentley, William K., 19 apr. 18.	3 inf.	29 aug. 19	Pulaski.
Bernardi, Peter, 3 jun. 98.	136 sep. co.	10 dec. 98	Schenectady.
Berning, Henry R., 4 dec. 18.	22 eng.	17 nov. 19	New York.
Beverly, George C., 26 dec. 17.	2 inf.	25 mar. 19	Whitehall.
Bishop, George W., 30 dec. 12.	a. g. o. S. N. Y.	25 may 15	New York.
Bixby, Ambrose S.		5 jun. 17	New York.
Blackburn, John T. D., 12 jul. 17.	10 inf.	11 oct. 17	Albany.
Bles, Chas. D., 13 mar. 18.	U. S.	3 jun. 19	New York.
Hobb, Clarence, 7 feb. 18.	U. S.	13 nov. 19	New York.
Bohana, John N.		1 apr. 18	New York.
Borror, William D., 24 aug. 18.	U. S.	5 jun. 19	Glen Falls.
Bougham, Ben Austin, 4 feb. 15.	14 inf.	28 apr. 16	Brooklyn.
Bourne, Phillip, 8 jan. 18.	m. c. 65 inf.	20 aug. 19	Salamanca.
Bourne, George L., 1899.		15 jul. 16	New York.
Bovard, Martin, 23 jul. 98.	203 inf.	8 feb. 18	Ogdensburg.
Boyle, John, Jr., 28 dec. 09.	71 inf.	3 jul. 15	New York.
Bragg, Henry T.		21 jun. 17	New York.
Branch, Clifford, 9 nov. 14.	U. S.	22 aug. 19	Buffalo.
Brandyce, Henry D., 4 dec. 18.	8 c. d. c.	26 sep. 19	New York.
Brennan, Lennox C., 17 sep. 18.	U. S.	14 nov. 19	Brooklyn.
Brennan, York, 19 feb. 19.	U. S.	15 nov. 19	Brooklyn.
Broadbent, Alfred, 7 aug. 17.	10 inf.	3 feb. 19	Utica.
Broak, John Mortimer, 9 may 98.	47 inf.	16 may 99	Brooklyn.
Brodie, Orrin L., 11 dec. 17.	9 c. a. c.	26 mar. 18	Staten Island.
Broome, George C., 14 apr. 17.	10 inf.	21 dec. 18	Albany.
Brotheridge, Herbert J., 26 jul. 18.	U. S.	25 jun. 19	Brooklyn.
Brown, Wayne R., 17 jul. 19.	2 inf.	13 jun. 19	Schenectady.
Brown, Walter, 17 nov. 19.	22 eng.	17 nov. 19	New York.
Brownell, Anson, 20 dec. 17.	6 bat.	25 mar. 19	Salamanca.
Buckheim, William, 31 jul. 16.	10 inf.	10 may 17	Albany.
Burdge, Harrie, 20 nov. 17.	U. S.	5 nov. 19	New York.
Burns, Peter E., 14 nov. 18.	U. S.	4 jun. 19	New York.
Burnton, Maurice Evans, 18 oct. 98.	i. s. a. p. 122 inf.	17 dec. 98	New York.
Burrows, Lynn M., 24 jan. 19.	74 inf.	29 aug. 19	Olean.
Butcher, George C.		22 sep. 17	New York.
Byars, Robert, 10 nov. 03.	71 inf.	10 may 17	New York.
Byers, John M., 27 jul. 18.	71 inf.	2 dec. 19	New York.
Byron, John J., 28 feb. 15.	U. S.	10 oct. 19	Brooklyn.
Cadotte, Damase, 1 oct. 17.	U. S.	6 may 19	Buffalo.
Callahan, John J., Jr., 18 nov. 79.	65 inf.	24 jan. 83	Buffalo.
Callaway, James, 25 oct. 17.	3 inf.	20 sept. 19	Ogdensburg.
Carmody, Michael F., 20 aug. 15.	11 sep. co.	20 aug. 15	New York.
Cartwright, Chas., 28 feb. 18.	1 f. a.	3 feb. 19	New York.
Chapin, Charles Pierson, 26 jul. 98.	165 inf.	22 dec. 98	Buffalo.
Chapin, Henry E.		2 jun. 17	New York.
Chase, Arthur, 26 sep. 18.	U. S.	20 oct. 19	New York.
Chase, George, 28 mar. 13.	U. S.	10 jun. 19	Brooklyn.
Chilton, William Wiltshire, 6 jun. 98.	171 inf.	3 jan. 99	New York.
Clark, Clayton, 4 dec. 18.	2 inf.	10 sep. 19	Albany.
Clark, Frith D., 13 aug. 19.	U. S.	15 aug. 19	New York.
Clark, William N. G., 8 jun. 98.	169 inf.	24 feb. 99	New York.
Cleary, Chas. B., 20 feb. 19.	10 inf.	1 dec. 19	Utica.
Cleland, James W. S.	12 inf.	12 sep. 17	New York.
Clinton, Jacob S., 29 apr. 15.	U. S.	2 jun. 19	Schenectady.
Coan, C. Arthur, 27 sep. 15.	23 inf.	27 sep. 15	South Nyack.
Coates, William Benjamin, 1 may 06.	10 inf.	17 may 10	Albany.
Coffey, John A., 11 oct. 17.	10 inf.	22 sep. 19	Albany.
Collins, Charles H., 6 feb. 88.	11 reg.	14 jan. 89	New York.
Collins, William S., 24 jun. 16.	co. H, 7 inf.	4 oct. 18	Yonkers.
Congdon, Herbert, 2 jan. 18.	23 inf.	16 dec. 19	New York.
Cooke, James H., 22 aug. 17.	U. S.	21 oct. 19	New York.
Coolidge, H. King., 28 aug. 18.	9 c. d. c.	2 jul. 19	New York.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
CAPTAINS — Continued			
Corwin, George Wood, 2 dec. 02	71 inf.	1 may 14	New York.
Coster, William Bay, 9 jul. 96	1 brig.	9 feb. 98	New York.
Cowen, George William, 21 may 98	regt. qm. 13 inf.	28 nov. 98	So. Orange, N. J.
Crosby, Maunsell S., 7 jun. 17	U. S.	2 dec. 19	Rhinecliff.
Cruse, Geo. E., 28 aug. 18	9 c. d. c.	22 oct. 18	New York.
Cruikshank, Barton, 10 may 04	8 c. d. c.	19 jan. 16	Brooklyn.
Daley, George W., 17 mar. 19	U. S.	22 oct. 19	Auburn.
Daly, Robert Joseph, 26 may 02	22 corps of engs.	23 dec. 14	New York.
Dalmasse, Elodor P., 23 nov. 17	47 inf.	20 jun. 19	Brooklyn.
Dalsell, Hugh, 26 mar. 18	22 eng.	11 oct. 19	Brooklyn.
Davidson, Harold A., 26 jul. 15	23 inf.	26 jul. 15	New York.
Davis, Fellows Jr., 6 feb. 18	7 inf. m. c.	16 apr. 19	New York.
Davis, Harrie, 5 sep. 17	8 arty. dist.	13 aug. 18	New York.
Davis, Walter V., 9 jul. 19	8 c. d. c.	12 sep. 19	New York.
Deal, F. Augustus, 13 jan. 19	22 eng. m. c.	24 dec. 19	New York.
Dean, William I., 14 jul. 17	3 inf.	13 jun. 19	Rochester.
De Angelis, Charles L., 16 aug. 16	1 cav.	3 aug. 17	New York.
Decker, Percy W., 18 jun. 09	10 inf.	12 jun. 18	Catskill.
DeGarmo, Leon B., 27 jun. 16	14 inf.	16 aug. 17	New Mexico.
Deevy, Nicholas Alphonsus Thomas, 24 sep. 09	22 engrs.	17 jan. 11	New York.
Delaney, Henry A., 19 feb. 19	U. S. A.	14 may 19	New York.
DeMelt, W. Eugene, 29 jul. 18	4 inf.	7 may 19	Penn. Yan.
Demar, Harry L., 18 nov. 92	9 inf.	14 dec. 15	New York.
Dieges, Chas. J., 3 mar. 08	U. S. A.	24 oct. 19	New York.
Dienet, Herbert, 10 aug. 16	2 f. a.	6 jun. 19	New York.
Dillon, Edward W., 6 mar. 06	U. S. A.	13 nov. 19	Brooklyn.
Dineen, Edward J., 20 jul. 17	3 inf.	8 oct. 19	Ogdensburg.
Doehler, Herman U., 9 nov. 18	74 inf.	29 aug. 19	N. Tonawanda.
Donohue, Alphonsus J., 19 nov. 18	69 inf.	12 sep. 19	New York.
Doorty, John Simpson, 11 jul. 16	3 f. a.	11 may 17	Buffalo.
Dowdney, Daniel J.		29 jun. 17	New York.
Dressel, John August Henry, 28 feb. 98	13 inf.	7 may 98	Brooklyn.
Dudley, James Blas, 9 jun. 98	171 reg.	27 jul. 98	New York.
Duffy, Henry A., 20 jun. 18	13 c. d. c.	10 sep. 19	Brooklyn.
Duke, Chas. M., 20 feb. 18	4 inf.	11 nov. 19	Wellsville.
Dunderdale, Forbes, 16 jan. 18	a. g. d.	15 feb. 19	Brooklyn.
Dunne, William J., 16 may 99	3 bn.	9 sep. 18	Oswego.
Dunne, William J., 3 dec. 18	13 c. d. c.	10 sep. 19	Brooklyn.
Dunsbaugh, George R., 3 nov. 18	U. S. A.	6 sep. 19	Brooklyn.
Durney, John F., 28 dec. 17	U. S.	14 oct. 19	Brooklyn.
Dutcher, Chas. P., 6 feb. 19	13 c. d. c.	10 sep. 19	Brooklyn.
Dusenbury, George, 14 jan. 10	47 inf.	13 jul. 16	Brooklyn.
Dwyer, John Michael, 25 jan. 01	69 inf.	28 sep. 17	New York.
Dyer, Henry E., 17 dec. 17	6 btn.	25 mar. 19	East Hampton.
Eckersley, Albert B., 26 aug. 18	m. c. 8 c. d. c.	21 nov. 19	New York.
Egan, James P., 27 mar. 18	1 f. a.	22 mar. 19	New York.
Eldred, Hubert W., 14 jan. 14	47 inf.	4 apr. 18	New York.
Elliott, George, 21 apr. 17	U. S.	15 may 19	Syracuse.
Ellison, Francis Joseph, 1 jul. 98	165 reg.	22 dec. 98	Buffalo.
Elwood, Harry Cornelius, 18 dec.	74 inf.	14 nov. 17	Buffalo.
Erikson, Alfred J., 1 may 98	65 inf.	25 oct. 99	Philadelphia, Pa.
Eximer, Maurice, 24 feb. 19	U. S.	13 aug. 19	New York.
Fahys, George, 30 sep. 19	1 f. a.	14 jul. 19	New York.
Fargo, James C., 28 apr. 17	U. S.	6 sep. 19	New York.
Fearn, William R., 19 apr. 04	71 inf.	26 apr. 18	New York.
Ferguson, Ural A., 30 apr. 98	1 inf.	9 jun. 17	Oneonta.
Ferguson, William H., 16 apr. 12	U. S.	18 sep. 19	Albany.
Finlay, John J., 5 sep. 17	9 c. d. c.	28 feb. 18	New York.
Firth, William D., 24 feb. 18	71 inf.	18 apr. 19	New York.
Fish, William Louis, 5 may 98	47 inf.	16 may 91	New York.
Fisher, Geo. G., 21 mar. 18	3 f. a.	11 oct. 18	Brooklyn.
Fisher, Samuel P., 24 mar. 94	71 inf.	7 jun. 17	Brooklyn.
Fitzgerald, Albion J., 15 jul. 18	U. S. m. c.	21 oct. 19	New York.
Force, Malcolm W., 26 mar. 18	U. S.	19 dec. 11	New York.
Ford, John, 12 sep. 00	comy. sub.	6 dec. 15	New York.
Ford, Arthur O., 4 jun. 18	9 c. a. c.	12 nov. 18	New York.
Fornachon, Joseph Louis, 6 jun. 98	108 inf.	22 dec. 98	Newark, N. J.
Francis, Lloyd West, 3 jun. 97	171 inf.	3 jan. 99	Brooklyn.
Fraser, James Stanley, 28 feb. 13	c. a. c.	2 feb. 15	New York.
French, George Lew, 10 may 98	106 sep. co.	10 dec. 98	Troy.

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	Organization in which last served	Date	
CAPTAINS—Continued			
Gallagher, Harry P., 19 nov. 18.....	9 c. d. c.....	27 feb. 19	New York.
Gastin, Edward P., 25 nov. 18.....	1 brig.....	30 dec. 18	
Gerner, Joseph H., 12 may 85.....	24 sep. co.....	14 mar. 19	Lowville.
Gette, John O., 23 may 18.....	1 f. a.....	12 jul. 19	New York.
Gibson, Kasson C., 6 sep. 86.....	insp. of rifle practice 9 inf.....	3 jan. 90	New York.
Gilkes, Arthur B., 4 dec. 18.....	1 f. a.....	2 jul. 19	New York.
Gomes, Vincent, 9 may 98.....	112 reg.....	24 jan. 99	New York.
Gorman, Lawrence J., 22 sep. 18.....	U. S.....	25 aug. 19	New York.
Graves, Henry B., 3 jun. 98.....	3 inf.....	16 oct. 18	Geneva.
Grandy, Harvey Loomis, 15 mar. 16.....	65 inf.....	11 jul. 16	Buffalo.
Grant, Gordon H.....	U. S.....	11 jul. 19	New York.
Gray, William, 14 jan. 10.....	8 c. d. c.....	14 dec. 17	New York.
Green, Bion L., 5 aug. 19.....	3 inf.....	13 nov. 19	Watertown.
Green, Griswold, 21 jan. 08.....	3 brig.....	8 may 17	Troy.
Greene, Frederic Spier, 25 nov. 10.....	23 inf.....	9 may 17	New York.
Gridley, Abraham, 3 jul. 85.....	1 sep. cl.....	3 jan. 90	Penn Yan.
Grout, Paul, 9 feb. 05.....	sq. c.....	12 apr. 16	New York.
Gruenthal, Anthony.....	U. S.....	22 sep. 19	Jamaica.
Guise, Jos. B., 7 feb. 18.....	14 inf.....	30 sep. 19	Brooklyn.
Guise, Philip, 25 feb. 11.....	14 inf.....	25 jul. 16	Brooklyn.
Hacker, Adam, 1 apr. 80.....	25 regt.....	12 feb. 81	Albany.
Hackley, Alexander Strachan, 14 may 08.....	23 inf.....	6 July 16	Brooklyn.
Hamblen, Arthur J., 23 aug. 15.....	9 c. d. c.....	23 aug. 15	New York.
Hamilton Arthur McWhinney, 19 jul. 18.....	asst. surg. 114 inf.....	10 dec. 98	Denver, Colo.
Hanford, Arthur J., 24 dec. 17.....	71 inf.....	2 apr. 19	New York.
Harder, Edward L., 30 jan. 18.....	10 inf.....	9 dec. 19	Philmont.
Hartley, George Blackmar, 25 feb. 13.....	8 c. d. c.....	9 may 17	New York.
Haskell, William Cook, 3 jun. 98.....	171 inf.....	3 jan. 99	New York.
Hastings, Ralph, 30 jan. 18.....	U. S.....	27 sep. 19	Tupper Lake.
Hay, Frank McElroy, 20 sep. 11.....	2 inf.....	16 oct. 17	New York.
Herman, Harry, 8 jul. 07.....	13 c. d. c.....	15 aug. 16	Brooklyn.
Herriman, Frank R., 13 nov. 06.....	23 inf.....	16 nov. 15	Brooklyn.
Hetsel, Foster G., 12 mar. 15.....	U. S.....	11 jun. 19	Brooklyn.
Heuel, Emil, 15 nov. 13.....	m. c.....	13 apr. 15	New York.
Hicks, Howard Ogden, 11 jun. 07.....	65 inf.....	22 jul. 16	Buffalo.
Higgins, Lucius C., 3 apr. 16.....	U. S.....	25 aug. 19	North River.
Hinman, Chas. H., 18 jan. 18.....	4 inf.....	22 nov. 19	Binghamton.
Hobby, Frederick Howard, 22 oct. 03.....	47 inf.....	21 jan. 06	Richmond Hill, L. I.
Hodder, William L., 10 jul. 18.....	U. S.....	20 may 19	Auburn.
Hodgman, Alfred Frederick, 27 sep. 07.....	3 inf.....	10 jul. 16	New York.
Hoesburgh, Charles S., 21 feb. 18.....	m. t. com.....	21 feb. 18	Utica.
Hofman, Arthur W., 13 jun. 17.....	U. S.....	21 may 19	New York.
Holden, Clarence Edgar, 31 mar. 07.....	2 inf.....	20 nov. 17	Whitehall.
Holland, Henry, 8 feb. 87.....	35 sep. co.....	6 dec. 63	Ogdensburg.
Holton, Herbert Miles, 17 apr. 17.....	12 inf.....	27 apr. 17	New York.
Hopson, Francis J., 11 feb. 19.....	1 f. a.....	27 dec. 19	New York.
Horgan, John J., 20 nov. 18.....	71 inf. m. c.....	7 mar. 19	New York.
Hoeler, Stuart E., 13 feb. 19.....	3 inf.....	19 aug. 19	Syracuse.
Hostetter, Allen B., 13 feb. 19.....	6 btn.....	25 mar. 19	Ialip.
Horrocks, Edward Ernest, 28 dec. 07.....	14 inf.....	18 dec. 17	Brooklyn.
Howell, George, 23 feb. 00.....	7 inf.....	27 jun. 16	New York.
Hoyt, Charles Herbert, 18 aug. 98.....	171 inf.....	3 jan. 99	New York.
Hubbard, Theodore G., 1 jul. 18.....	3 inf.....	27 feb. 19	Geneva.
Hudtwalker, George William, 2 aug. 16.....	47 inf.....	19 oct. 17	New York.
Hughes, George, 15 oct. 17.....	2 inf.....	29 oct. 19	Hoosick Falls.
Hull, F. Irving., 20 nov. 17.....	8 c. d. c.....	29 nov. 19	New York.
Hunt, Chas. F., 26 oct. 17.....	m. c. 22 eng.....	10 dec. 19	New York.
Hurley, Charles Raymond, 3 jul. 16.....	74 inf.....	20 oct. 17	Buffalo.
Hutton, Thomas P., 7 aug. 17.....	1 inf.....	4 mar. 19	Utica.
Hydorn, Joseph Bartlett, 12 sep. 16.....	1 cav.....	1 may 17	New York.
Imperatori, Reginald Johnstone, 5 nov. 09.....	9 c. d. c.....	11 may 17	New York.
Janes, Elisha H., 19 jun. 12.....	12 inf.....	3 may 18	New York.
Jenkins, John F., 15 oct. 07.....	inf.....	15 mar. 19	Ossining.
Jewett, Sherman S., 7 jul. 16.....	74 inf.....	20 oct. 17	Buffalo.
Johnson, Wm. R., 1 apr. 14.....	1 cav.....	2 jul. 15	New York.
Johnston, Fred C., 21 jan. 16.....	U. S.....	24 may 19	Auburn.
Jones, George, 14 may 18.....	14 inf.....	4 oct. 18	New York.
Jewett, Sherman Skinner, 7 jul. 16.....	74 inf.....	20 oct. 17	Buffalo.

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CAPTAINS — Continued			
Johnson, William Richmond, 1 apr. 14.	1 cav.	2 jul. 15	New York.
Kearney, Bernard W., 25 aug. 17.	U. S.	22 sep. 19	Gloversville.
Keese, George M., 1 may 17.	U. S.	21 oct. 19	Brooklyn.
Kelley, John Thornton, 26 may 98.	112 sep. co.	10 dec. 98	Troy.
Kennedy, John T.	69 inf.	28 sep. 17	New York.
Kennedy, Richard O., 14 feb. 19.	2 inf.	23 jul. 19	Troy.
Kenyon, Harold Edward, 20 mar. 06.	9 c. d. e.	27 jun. 16	New York.
Kerby, Frank E., 31 may 17.	U. S.	24 jul. 19	Brooklyn.
Kerby, J. Parker, 13 dec. 18.	23 inf.	17 nov. 19	Brooklyn.
Kernan, Harry, 30 dec. 05.	14 inf.	9 may 17	
Kiernan, Bernard F., 21 aug. 17.	71 inf.	15 jan. 19	New York.
Kingsbury, Walter Elliott, 16 dec. 12.	12 c. d. c.	19 apr. 15	Brooklyn.
Kingsbury, Willoughby, 19 jul. 18.	9 c. d. e.	14 nov. 19	New York.
Kinloch, Robert, 21 mar. 18.	3 f. hosp.	4 oct. 19	New York.
Knapp, John M., 10 may 18.	12 inf.	11 jan. 19	New York.
Kingston, Robert John, 12 apr. 98.	asst. surg. 12 bat.	15 mar. 99	Newburgh.
Knighton, John Albert, 23 sep. 98.	165 inf.	22 dec. 98	New York.
Knowles, Fred A., 7 oct. 18.	2 inf.	19 aug. 19	Schenectady.
Knuist, Geo. H., 3 nov. 16.	7 inf.	27 may 18	East Orange, N. J.
Korschew, John A., 4 aug. 18.	U. S.	6 dec. 19	Middletown.
Kraft, John E., 27 apr. 78.	20 bn.	31 oct. 18	Kingston.
Kurtz, Henry William, Jr., 24 jan. 02.	8 inf.	10 dec. 06	Pelham Manor.
Lancaster, William O., 25 sep. 18.	U. S.	30 aug. 19	Waterford.
Lang, Frank A., 30 aug. 18.	22 eng.	6 jun. 19	New York.
Langschur, Jacob, 20 nov. 17.	1 inf.	25 mar. 19	New York.
Laux, Herbert, 6 oct. 18.	U. S.	2 jun. 19	Buffalo.
Lawson, Harold, 30 mar. 19.	U. S.	14 may 19	New York.
Lawyer, James P., 4 dec. 17.	4 inf.	3 jan. 19	Clyde.
Lediard, Charles, 30 nov. 04.	23 inf.	5 aug. 15	Brooklyn.
Lent, Abraham F., 21 jul. 98.	asst. surg. 147 inf.	10 jan. 99	Brooklyn.
Leo, John P., 18 feb. 85.	22 inf.	10 oct. 90	New York.
Levien, Christopher L., 23 nov. 15.	22 c. of e.	23 nov. 15	New York.
Lewis, Calom Leslie, 24 jun. 98.	114 inf.	10 dec. 98	Brooklyn.
Lock, Ambrose Maria, 13 may 98.	8 reg.	10 dec. 06	New York.
Lockwood, Frederick D., 9 jul. 17.	ord. dep't. c and d.	16 aug. 18	Kingston.
Lord, Avery E., 1 dec. 18.	1 inf.	27 feb. 19	New York.
Loose, Joseph, 17 dec. 17.	6 bn.	25 mar. 19	Far Rockaway.
Louvet, Edward, 31 may 11.	9 c. d. e.	1 sep. 14	Brooklyn.
Luthy, William, 15 may 91.	32 regt.	26 may 92	Brooklyn.
Lynch, William, 26 feb. 19.	13 c. d. c.	19 may 19	Brooklyn.
Lyon, Theodore Edward, 7 may 97.	comy. of sub. 8 inf.	10 dec. 06	Montclair, N. J.
McAfee, Knox, Jr., 8 apr. 18.	22 eng.	27 apr. 18	New York.
McDougall, Chas., 4 apr. 19.	U. S.	18 jun. 19	New York.
McLaughlin, Chester B., 6 oct. 17.	staff c and d.	4 may 18	New York.
McMoran, William, 21 jun. 98.	169 inf.	24 feb. 99	New York.
McNevin, Alfred C B., 15 mar 11.	13 c. d. c.	5 mar. 15	Brooklyn.
Mackey, Martin Luther, 7 apr. 09.	71 inf.	31 jun. 16	New York.
MacLean, Boyd, 25 feb. 11.	71 inf.	3 may 17	New York.
Maguire, Peter William, 21 jun. 06.	47 inf.	27 jun. 16	Farmingdale, L. I.
Maldiner, Frank J., 18 jun. 15.	U. S.	9 may 19	N. Tonawanda.
Mann, Alfred Christian, 27 nov. 08.	14 inf.	4 jul. 16	Brooklyn.
Marlette, Frank C., 30 jan. 18.	4 inf.	7 mar. 19	Groton.
Marsh, Frank, 23 may 19.	U. S.	9 oct. 19	New York.
Marshall, Richard Cranston, 20 may 98.	121 sep. co.	10 dec. 98	Troy.
Martin, Clarence S., 2 may 18.	U. S.	6 may 19	Oswego.
Mason, Jarvis W., 25 aug. 90.	8 reg.	13 mar. 16	New York.
Mathiesen, Christian, 24 oct. 19.	1 cav.	24 oct. 19	Buffalo.
Maxfield, Charles Evans, 9 jul. 17.	47 inf.	19 oct. 17	New York.
Maxson, Wesley Searles, 28 mar. 90.	32 regt.	17 may 92	New York.
Miller, Douglas Winslow, 19 may 98.	103 sep. co.	24 feb. 99	Cleveland, O.
Milner, Ernest L., 8 nov. 11.	U. S.	4 may 19	Albany.
Mills, Clarence, 8 apr. 18.	13 c. d. c.	22 jan. 19	Brooklyn.
Mills, Robert Doremus, 17 sep. 14.	1 f. a.	7 feb. 16	Brooklyn.
Mohler, David D., 4 jul. 18.	U. S.	23 jun. 19	Syracuse.
Monaghan, Francis J., 5 sep. 17.	47 inf.	8 feb. 18	Brooklyn.
Montant, Louis T., 18 oct 17.	1 brig.	17 jun. 18	New York.
Moore, John H., 18 nov. 18.	65 inf.	29 aug. 19	Warsaw.
Moore, Roy S., 30 sep. 18.	m. c.	29 dec. 19	Syracuse.
Mora, Edward, 19 jul. 98.	108 inf.	22 dec. 98	Bridgeport, Conn.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
CAPTAINS — Continued			
Morris, William Ephraim, 22 nov. 12.	69 inf.	6 mar. 16	New York.
Morrison, Thomas J., 4 sep. 18.	22 eng.	24 oct. 19	New York.
Morro, August, T., 23 oct. 15.	14 inf.	25 feb. 19	Brooklyn.
Morse, Henry Wright, 28 jun. 07.	3 inf.	27 aug. 17	New York.
Muller, Nicholas, 18 oct. 17.	69 inf.	26 dec. 19	New York.
Murray, Arthur S., 28 feb. 18.	1 inf.	29 aug. 19	New York.
Murray, Charnley, 15 jul. 18.	9 c. d. o.	7 nov. 19	Flushing, L. I.
Murphy, Francis A., 5 sep. 17.	sq. C.	3 feb. 19	Brooklyn.
Naebele, Theodore C., 17 feb. 19.	U. S.	20 oct. 19	Brooklyn.
Napier, Charles Dwight, 15 may 93.	23 inf.	14 jul. 16	Brooklyn.
Nelson, Guy L., 7 aug. 03.	10 inf.	18 dec. 15	New York.
Nelson, Nels Anton.		26 jan. 17	Brooklyn.
Nesbitt, Clarence C., 21 mar. 19.	m. c. 2 amb. co.	25 nov. 19	Rochester.
Newman, Clarence E., 14 jun. 17.	i. g. dep't.	12 nov. 19	Albany.
Newton, Franklin Jonathan, 16 may 98.	137 sep. co.	10 dec. 99	Schenectady.
Niles, Edgar C., 17 apr. 17.	U. S.	22 sep. 19	Rensselaer.
Norris, Thomas, 2 jan. 18.	3 inf.	29 aug. 19	Cortlandt.
Oakleaf, James, 20 feb. 19.	U. S.	18 dec. 19	Olean.
O'Connor, James K., 3 jul. 16.	1 inf.	4 aug. 16	Utica.
Odell, Albert C., 24 apr. 17.	U. S.	19 aug. 19	Poughkeepsie.
O'Flynn, Geoffrey J., 28 may 19.	U. S.	29 jul. 19	New York.
Oliver, Edward, 23 oct. 06.	10 inf.	17 may 10	Albany.
Olmstead, Harry L., 13 jul. 18.	U. S.	28 nov. 19	Wallington.
Orr, Gilbert Franklin, 16 oct. 06.	regt. qm. 8 inf.	10 dec. 06	New York.
Orvis, Schuyler A., 27 mar. 18.	1 f. a.	24 jul. 19	New York.
Owen, Paul D., 15 sep. 17.	2 inf.	17 dec. 19	Troy.
Overfield, Arthur R., 5 jul. 16.	74 inf.	24 jan. 18	Buffalo.
Palmer, A. Embury, 7 mar. 19.	71 inf.	23 oct. 19	New York.
Palmer, Augustus W., 17 Jul. 17.	U. S.	15 may 19	Hastings-on-Hud.
Paris, William F., 6 jun. 98.	108 inf.	22 dec. 99	New York.
Parker, Morris K., 10 may 18.	22 engs.	17 nov. 19	New York.
Paul, Anthony M., 5 jul. 16.	74 inf.	20 oct. 17	New York.
Peabody, Charles J., 8 sep. 86.	a. d. c. 3 brig.	9 jan. 91	New York.
Pearson, Chas. M., 13 June 17.	cav.	10 apr. 19	Buffalo.
Pearson, Harold G., 21 feb. 18.	U. S.	26 may 19	Brooklyn.
Pell, Howland, 7 July 16.	12 inf.	17 jan. 19	New York.
Peterson, Arnold E., 23 may 18.	1 f. a.	4 oct. 18	New York City.
Phillips, Sidney, 11 dec. 17.	6 btn.	25 mar. 19	Quogue, L. I.
Pittaluga, John Louis.		8 may 17	Brooklyn.
Planco, Vincent M., 10 may 18.	13 c. d. c.	10 nov. 19	New York.
Punket, James.	69 inf.	10 July 16	New York.
Pohl, Archibald William John, 12 may 08.	sig. corps.	18 may 17	Brooklyn.
Pollard, George M., 5 sept. 17.	9 c. a. c.	28 feb. 18	New York.
Pomeroy, H. F., 23 nov. 17.	9 c. a. c.	12 dec. 18	New York.
Post, Frederick R., 13 oct. 11.	47 inf.	29 jan. 18	New York.
Raborg, Thomas M. T., 7 mar. 00.	12 inf.	14 dec. 15	Utah.
Rae, Giles, 8 June 98.	169 inf.	24 feb. 99	New York.
Raldiris, Edward, 12 jul. 17.	U. S.	29 may 19	Brooklyn.
Raub, Herschel D., 2 jan. 18.	74 inf.	5 dec. 19	Olean.
Ray, Norman G., 19 apr. 18.	5 btn.	29 sep. 19	Massena.
Reed, George S., 26 aug. 18.	m. c. 3 inf.	22 jul. 19	Syracuse.
Reid, Charles Morgan, 24 may 09.	13 c. d. c.	24 aug. 17	New York.
Reynolds, John, 28 feb. 19.	U. S.	17 may 19	New York.
Rich, Fred Reed, 29 Jul. 98.	102 sep. co.	17 dec. 98	Auburn.
Richardson, Fred A., 15 aug. 19.	2 inf.	17 oct. 19	Troy.
Richman, Ray Dobson, 29 may 15.	2 amb.	12 jun. 17	Rochester.
Riffe, James, 17 apr. 17.	U. S.	6 may 19	Elmira.
Riley, George R., 5 Jan. 17.	U. S.	4 Jun 19	Sterling Forest.
Robertson, Arthur Leslie, 15 mar. 99.	71 inf.	11 apr. 16	New York.
Roe, William Clarke, 22 may 96.	regt. adj. 13 inf.	7 may 98	Great Neck, L. I.
Romaine, Frank H., 20 apr. 85.	a. d. c. 3 brig.	5 aug. 86	New York.
Ronald, William, 1 may 17.	U. S.	16 oct. 19	Brooklyn.
Rooney, Patrick J., 28 feb. 18.	inf.	22 mar. 19	New York.
Root, William F., 13 aug. 18.	U. S.	31 dec. 19	Albany.
Rulison, George W., 13 oct. 14.	c. of e.	16 nov. 15	New York.
Rundle, Richard, 7 nov. 17.	10 inf.	14 feb. 19	Oneida.
Russel, Herman C., 20 dec. 18.	U. S.	21 July 19	New York.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
CAPTAINS — Continued			
Ryan, Charles E., 5 nov. 19.	74 inf.	18 nov. 19	Buffalo.
Ryan, John J., 2 may 87.	69 inf.	6 dec. 93	New York.
Sackett, Herbert, 30 apr. 01.	74 inf.	26 dec. 18	Buffalo.
Salladin, Henry T., 7 mar. 17.	ord. dept.	1 may 14	Utica.
Sayers, William L., 23 nov. 17.	23 inf.	17 dec. 19	New York.
Schaefer, Robert G., 28 feb. 18.	22 eng.	17 nov. 19	New York.
Schaefer, Edward L., 17 apr. 18.	6 btn.	25 mar. 19	Greenport.
Schake, George F., 4 jun. 98.	108 sep. co.	17 dec. 98	Rochester.
Scherman, Eugene, 4 dec. 17.	1 inf.	22 mar. 19	Kingston.
Schmidt, Ernest, 29 jun. 16.	1 ag. corps.	7 aug. 19	New York.
Schmidt, Theodore F., 1 jul. 93.	5 bat.	15 oct. 18	New York.
Schoeneck, Charles C., 23 jan. 91.	32 reg.	28 may 92	Brooklyn.
Scobfield, Raymond B., 2 jul. 18.	22 eng.	13 nov. 19	New York.
Scott, John Alexander, 10 jul. 16.	10 inf.	16 nov. 17	Albany.
Scott, Walter A., 17 may 09.	3 inf.	7 feb. 18	Niagara Falls.
Scott, William Sherman, 21 jan. 08.	aide 1 brig.	19 mar. 08	Mt. Kisco.
Seaver, William P., 25 sep. 18.	22 eng.	17 nov. 19	New York.
Sembach, Fred C., 30 oct. 17.	3 inf.	14 jun. 19	Syracuse.
Serenbets, George Benjamin, 9 jul. 17.	47 inf.	19 oct. 17	Brooklyn.
Serrall, Edward P., 26 oct. 17.	1 inf.	25 mar. 19	White Plains.
Seward, Frederic K., 28 aug. 18.	9 c. d. c.	12 dec. 19	New York.
Shanahan, William T., 25 oct. 17.	3 inf.	29 aug. 19	Syracuse.
Shannon, Porter C., 3 feb. 19.	1 f. a.	7 aug. 19	New York.
Shaw, Albert E., 20 jun. 18.	13 c. d. c.	10 sep. 19	Brooklyn.
Shean, Chauncey C., 26 feb. 19.	13 c. d. c.	10 sep. 19	Brooklyn.
Shedden, George.	U. S.	29 may 19	New York.
Sheehan, John T., 10 apr. 18.	U. S.	19 jun. 19	Newburgh.
Sheldon, Rowland C., 8 apr. 18.	22d eng.	12 dec. 18	New York.
Sillocks, Henry, 8 oct. 17.	9 c. a. c.	14 may 18	New York.
Singleton, Frederick William, 9 jul. 06.	23 inf.	19 jun. 16	Brooklyn.
Skinner, Harry Hall, 18 aug. 98.	171 inf.	3 jan. 99	New York.
Slawson, Loton H., 23 may 18.	8 c. d. c.	3 may 19	New York.
Smith, Alfred H., 31 dec. 18.	3d inf.	21 aug. 19	Watertown.
Smith, Arthur T., 1 apr. 16.	U. S.	13 sep. 19	Rochester.
Smith, Arthur Crossley, 12 apr. 13.	22 engs.	13 may 16	New York.
Smith, Edwin C., 20 jul. 17.	12 inf.	4 oct. 18	New York.
Smith, Harmon, 6 nov. 18.	9 c. d. c. m. c.	2 jul. 19	New York.
Smith, L. Bertrand, 20 jun. 98.	tr. CC.	3 jan. 99	Brooklyn.
Smith, Sydney J., 22 apr. 96.	a. d. c. a brig.	9 feb. 98	New York.
Snowden, George B., 30 jan. 18.	10 inf.	30 dec. 19	Utica.
Solomon, Joseph.		14 may 17	Flushing, L.
Soule, Oscar F.		14 oct. 18	Syracuse.
Splint, Frederick W., 10 apr. 18.	m. c.	1 sep. 18	New York.
Sproul, Charles L., 18 oct. 17.	1 inf.	25 mar. 19	New Jersey.
Stallman, Edward J., 2 july 00.	3 inf.	20 oct. 17	New York.
St. John, Julius William, 25 may 98.	133 sep. co.	24 feb. 99	Walton.
Stephens, John Jacob, Jr., 26 july 13.	2 f. a.	25 feb. 16	New York.
Stephens, Philip F., 31 oct. 17.	3 inf.	25 feb. 18	Auburn.
Stetson, Dudley D., 9 apr. 18.	M. c. f. a.	22 oct. 18	New York.
Stevenson, Charles G., 9 oct. 15.	8 c. d. c.	9 oct. 15	New York.
Stewart, Henry C. H., 9 oct. 15.	9 inf.	9 oct. 15	New York.
Stickney, Edward P., 4 dec. 17.	2 inf.	10 sep. 19	Troy.
Stierly, Edward S., 25 oct. 17.	3 inf.	12 july 19	Rochester.
Stockbridge, Henry Lindsay, 2 aug. 16.	47 inf.	5 oct. 17	New York.
Stockwell, Norris P., 11 jul. 17.	U. S.	5 aug. 19	New York.
Stoddard, Charles Herbert.	71 inf.	16 apr. 17	New York.
Stone, Charles B., 11 june 13.	65 inf.	24 may 15	Buffalo.
Stott, Jonathan W., 30 jan. 18.	10 inf.	27 oct. 19	Albany.
Stowell, Clarence W., 15 aug. 16.	1 art.	1 oct. 17	Brooklyn.
Stowell, Harold B., 16 apr. 18.	3 inf. m. c.	29 dec. 19	Watertown.
Sullivan, Daniel P., 16 nov. 99.	69 inf.	28 sep. 17	New York.
Summers, Herbert A., 11 jul. 07.	14 inf.	3 apr. 17	Brooklyn.
Sweeney, Lawrence Alfred, 28 may 09.	22 engs.	6 july 16	New York.
Sylvester, Franklin Elmer, 24 june 98.	109 reg.	22 dec. 98	New York.
Talbot, Arthur, 31 jul. 19.	U. S.	11 june 19	New York.
Taylor, Fred A., 22 nov. 17.	22 eng.	17 nov. 19	New York.
Taylor, George, 11 dec. 17.	1 inf.	26 dec. 18	Binghamton.
Taylor, Irving K., 26 mar. 97.	7 inf.	8 mar. 16	New York.
Taylor, Oscar Thomas, 8 jul. 98.	165 inf.	22 dec. 98	Buffalo.
Teague, Walter D., 24 jan. 19.	9 c. d. c.	30 jun. 19	New York.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
CAPTAINS — Continued			
Teller, Chas. F., 11 dec. 17.....	3 inf.....	15 sep. 19	Syracuse.
Thebaud, Paul G., 8 oct. 17.....	9 c. d. c.....	8 oct. 19	New York.
Thiessen, Fred A., 3 apr. 16.....	U. S.....	2 sep. 19	Troy.
Thompson, Archibald Niven, 23 jul. 17	1 inf.....	28 feb. 17	Middletown.
Thompson, Lynn Wentworth, 3 jun. 14.	71 inf.....	28 oct. 15	New York.
Thum, William George, 11 mar 91.....	32 reg.....	26 may 92	New York.
Tilden, Philip S., 24 nov. 15.....	71 inf.....	24 nov. 15	New York.
Timpeon, Lawrence, 14 nov. 02.....	i. s. a. p. 1 inf.....	1 may 05	Barrytown-on-Hudson.
Tompkins, Joseph Elliott, 19 jul. 16...	74 inf.....	20 oct. 17	Waverly, N. Y.
Tompson, Frederick Bernard, 9 nov. 11	22 engs.....	5 july 16	New York.
Tough, Chas. C., 19 feb. 19.....	22 engs.....	17 nov. 19	New York.
Towle, George Sibell, 6 may 11.....	7 inf.....	31 may 17	New York.
Townsend, John Henry, 12 jul. 98.....	asst. insp. 1 brig.....	21 jan. 08	New York.
Townsend, Reynolds K., 26 nov. 12.....	U. S.....	18 nov. 19	Albany.
Train, George F., 18 feb. 19.....	U. S.....	30 dec. 19	Brooklyn.
Trombley, Richard P., 21 jun. 18.....	6 bat.....	25 mar. 19	Hampton.
Tucker, Wentworth, 26 apr. 12.....	12 inf.....	4 oct. 16	New York.
Tupper, Charles Ford, 9 jun. 98.....	120 sep co.....	24 feb. 99	Binghamton.
Twiss, William B.....	U. S.....	16 jan. 19	New York.
Uhl, Oswald W., 10 may 18.....	7 inf.....	18 dec. 18	New York.
Ussaker, Irving J., 25 nov. 18.....	12 inf.....	22 sep. 19	New York.
Van Buren, Lewellyn, 23 jun. 19.....	3 inf.....	29 sep. 19	Watertown.
Van Olinda, William Kinsley, 21 may 98	13 regt.....	28 nov. 98	New York.
Vickers, Chas. W., 31 jan. 18.....	13 c. d. c.....	25 aug. 19	New York.
Victor, Carl L., 27 mar. 18.....	1 f. a.....	27 jan. 19	New York.
Wade, John S., 13 feb. 19.....	6 bat.....	25 mar. 19	East Hampton.
Walker, Stuart H., 3 jan. 18.....	8 c. d. c.....	1 dec. 19	New York.
Ward, John Bryan, 14 jul. 98.....	114 inf.....	10 dec. 98	Brooklyn.
Warring, Francis B., 21 may 98.....	115 sep. co.....	15 mar. 99	Poughkeepsie.
Waters, John T. C., 20 feb. 18.....	23 inf.....	15 jan. 19	New York.
Watjen, Louis, 2 oct. 18.....	9 c. d. c.....	6 oct. 19	New York.
Watson, Herbert L., 22 may 17.....	u. s.....	3 nov. 19	New York.
Welch, Thomas Cary, 5 jul. 98.....	165 inf.....	22 dec. 98	Manila, P. I.
Welsh, Henry B., 15 may 18.....	8 c. d. c.....	10 jan. 19	New York.
Werner, Charles, 22 may 96.....	13 c. d. c.....	2 jul. 15	New York.
Westermann, Julius T., 22 jun. 11.....	71 inf.....	4 may 15	New York.
Whipple, Burdett, 18 nov. 18.....	65 inf.....	26 aug. 19	New York.
White, Henry D. Jr., 12 mar. 18.....	13 c. d. c.....	13 sep. 19	Brooklyn.
White, Major Ambrose, 4 nov. 15.....	7 inf.....	5 jan. 16	New York.
White, S. Reynolds, 27 oct. 15.....	47 inf.....	27 oct. 15	New York.
White, William E., 18 dec. 17.....	14 inf.....	21 jun. 19	Brooklyn.
Whitehead, Otthoudt Z., 2 may 99.....	1 regt.....	1 may 05	New York.
Whittle, John Henry, 23 sept. 92.....	71 inf.....	27 jun. 16	New York.
Wightman, David C., 11 apr. 17.....	u. s.....	29 oct. 19	Mohawk.
Wikel, Henry H., 24 jan. 18.....	14 inf.....	1 jul. 18	New York.
Williams, Chas. H., 2 aug. 13.....	65 inf.....	16 jun. 17	Williamsville.
Wilson, John A., 11 jul. 16.....	23 inf.....	26 nov. 17	Tenafly, N. J.
Winchester, Henry C. Jr., 3 jun. 18.....	8 c. d. c.....	19 sep. 19	New York.
Wingenbach, Julius F., 17 may 09.....	1 inf.....	15 may 18	Utica.
Winne, Robert L., 5 sep. 17.....	69 inf.....	17 apr. 17	Bellevue, L. I.
Winthrop, Bronson, 5 apr. 01.....	regt. qm. 1 inf.....	1 may 05	New York.
Witherbee, Rex G., 20 nov. 13.....	1 inf.....	9 feb. 17	Utica.
Wolff, Daniel, 11 aug. 17.....	22 engs.....	17 nov. 19	New York.
Wolff, Henry, 12 jul. 98.....	108 regt.....	22 dec. 98	New York.
Woods, Walter Clayton, 21 may 07.....	69 inf.....	6 feb. 17	New York.
Wulff, Charles A., 18 jul. 17.....	14 inf. A.....	18 dec. 17	New York.
Young, Warner S., 25 aug. 15.....	71 inf.....	26 aug. 15	New York.
Young, William J., 10 may 18.....	47 inf.....	1 jul. 19	New York.
Zabriskie, Andrew C., 5 feb. 96.....	71 inf.....	18 dec. 15	Blithewood, N. Y.
Ziegler, Edwin G., 22 apr. 18.....	u. s. a.....	22 may 19	Buffalo.

NATIONAL DEFENSE ACT, JUNE 30, 1916

CAPTAINS

Backhouse, George, 2 jun. 19.....	12 cav.....	4 jun. 19	Brooklyn.
Bates, Hayden J., 16 apr. 17.....	g. m. c.....	4 may 17	New York.
Boyd, Thomas Edward, 11 aug. 03.....	74 inf.....	15 jun. 16	Buffalo.
Brost, Jacob, 1 aug. 19.....	inf.....	7 aug. 19	Brooklyn.
Cronan, Thos. D., 3 nov. 19.....	u. s.....	24 nov. 19	Utica.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	To RESERVE LIST		Residence
	Organization in which last served	Date	
CAPTAINS — Continued			
Doorty, Charles Tilden, 16 feb. 12	3 f. a.	24 jul. 16	Buffalo.
Elmes, John W., 29 sep. 19.	inf.	23 apr. 19	New York.
Fahnenstock, Samuel F., 23 apr. 09.	47 inf.	10 apr. 17	Brooklyn.
Fitch, Edward A., 12 may 19.	inf.	13 may 19	New York.
Gogin, Ernest B., 20 dec. 19.	inf.	20 dec. 19	Brooklyn.
Graves, Robert F., 18 mar. 19.	cav.	21 mar. 19	Brooklyn.
Hart, Augustin S., 14 mar. 19.	cav.	17 mar. 19	Brooklyn.
Hill, Henry Albert, 14 jul. 04.	74 inf.	16 jun. 16	Buffalo.
McLaughlin, Chester B., 6 oct. 17.	q. m. c.	4 may 18	New York.
McRichard, Samuel E., 31 mar. 19.	f. a.	31 mar. 19	Brooklyn.
Nellis, Merwyn, H., 23 aug. 16.	inf.	21 apr. 17	Albany.
Norman, George D., 31 mar. 19.	inf.	4 apr. 19	Brooklyn.
Rausch, William C., 24 apr. 19.	m. c. inf.	28 apr. 19	Albany.
Ritch, Amos Mead, 11 nov. 10.	47 inf.	15 aug. 16	Brooklyn.
Rugge, George F., 11 mar. 19.	q. m. c.	12 mar. 19	Albany.
Stoddard, Francis R. Jr., 27 may 15.	14 inf.	27 may 15	Albany.
Weiner, Alphonse W., 26 mar. 19.	f. a.	27 mar. 19	Brooklyn.
FIRST LIEUTENANTS			
Abernathy, Clyde G., 30 jan. 18.	4 inf.	20 nov. 18	Hornell, N. Y.
Adams, Francis A., 31 oct. 18.	u. s.	9 jul. 19	Long Beach.
Agnew, George B., 11 apr. 05.	asst. i. s. a. p. 12 inf.	21 jan. 08	New York.
Aldridge, Ira L., 30 jun. 19.	15 inf.	26 dec. 19	New York.
Allen, Henry Newman, 29 dec. 15.	1 cav.	11 jul. 17	New York.
Allen, James S., 16 aug. 16.	3 inf.	4 apr. 18	Geneva.
Anstice, Mortimer R., 17 dec. 17.	1 cav.	13 jun. 19	Rochester.
Archer, Walter A., 5 sep. 17.	9 c. d. c.	28 feb. 18	New York.
Arnold, Chas. W., 28 feb. 18.	1 inf.	19 dec. 19	New York.
Arnold, Harrison B., 25 May 10.	c. d. c.	3 mar. 15	New York.
Arnold, Harry, 28 feb. 19.	1 inf.	29 aug. 19	Warwick.
Baldwin, Harry C., 15 oct. 18.	4 inf.	27 oct. 19	Binghamton.
Barker, Walter C., 25 oct. 99.	3 f. a.	22 jan. 18	
Barnes, Ezra A., 11 mar. 18.	u. s. a.	15 may 19	Oswego.
Barnes, Harry Hamilton, 14 mar. 16.	1 cav.	4 jun. 17	Syracuse.
Bartholomew, Alanson D.		15 may 17	New York.
Barton, Samuel Taylor, 28 sep. 98.	120 sep. co.	24 feb. 99	Binghamton.
Basil, Charles Joseph, 6 jun. 98.	108 regt.	22 dec. 98	New York.
Bassford, Henry H., 9 mar. 12.	1 cav.	16 sep. 18	New York.
Bathrick, Earl N., 22 jul. 19.	2 inf.	19 aug. 19	Stillwater.
Battle, Robert T., 9 jun. 19.	u. s.	24 nov. 19	New York.
Beach, Oren Milton, 26 jun. 16.	D. B. 7 inf.	26 jun. 16	New York.
Bechtol, Clarence M., 7 aug. 17.	1 inf.	14 feb. 19	Binghamton.
Belfield, William Henry, 11 dec. 15.	1 inf.	2 jun. 17	New York.
Bell, Henry, 26 dec. 17.	2 inf.	25 mar. 19	Utica.
Benson, Edward George, 29 dec. 15.	10 inf.	13 aug. 17	Albany.
Bentley, Chas. W., 7 feb. 19.	10 inf.	15 sep. 19	Albany.
Bergen, Veeder, 20 feb. 18.	4 inf.	7 mar. 19	Trumansburg.
Betts, Walter S., 2 nov. 17.	1 inf.	25 mar. 19	Marlboro.
Bierbauer, Chas. A., 3 jul. 18.	22 engs.	19 nov. 19	New York.
Blades, Archie Lee, 21 apr. 17.	u. s. a.	24 may 19	Hornell.
Booth, Arthur Woodward, 3 aug. 98.	130 sep. co.	17 dec. 98	Elmira.
Booth, Charles Alfred, 19 jul. 98.	108 regt.	22 dec. 98	New York.
Booth, Frederick V., 26 sep. 18.	1 f. a.	12 jul. 19	New York.
Boatwick, Silas B. Jr., 23 may 18.	8 c. d. c.	26 nov. 19	New York.
Botting, Leonard P., 16 sep. 19.	13 c. d. c.	22 oct. 19	Brooklyn.
Bowdiah, Clifford E., 9 jan. 19.	3 inf.	29 aug. 19	Cortland.
Braden, J. Noble, 12 jul. 19.	71 inf.	1 oct. 19	New York.
Bradley, Henry Hobart, 1 jul. 98.	165 inf.	22 dec. 98	Buffalo.
Breen, John, 11 apr. 18.	1 f. a. d. c.	29 aug. 19	New York.
Bridge, Horace L., 30 jan. 18.	10 inf.	27 jan. 19	Madison.
Britton, Reuben A. (bvt. cap.), 29 mar. 79.	qm. 9 regt.	7 dec. 85	New York.
Brodeur, William Henry, 4 apr. 11.	3 inf.	2 feb. 15	Rochester.
Brown, LeRoy, 8 apr. 18.	22 eng.	11 nov. 19	New York.
Brown, Thos F.	u. s. a.	14 may 19	
Buckley, William D., 26 feb. 19.	13 c. d. c.	10 sep. 19	Brooklyn.
Burdge, Harrie, 22 nov. 00.	8 inf.	10 dec. 06	New York.
Burghard, Fred J., 10 dec. 18.	12 inf.	3 may 19	New York.
Burns, Eames S., 4 mar. 12.	74 inf.	14 mar. 18	Buffalo.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	To Reserve List		Residence
	Organization in which last served	Date	
FIRST LIEUTENANTS — Continued			
Burrill, Percy M., 13 may 98.	12 inf.	1 may 17	New York.
Butler, Robert W., 13 sep. 00.	12 inf.	22 jun. 16	New York.
Buxton, Chas. E., 17 dec. 17.	6 bat.	25 mar. 19	Patchogue.
Callahan, John J., 8 aug. 18.	U. S.	30 oct. 19	New York.
Callingham, Bernard 20 Jan. 19.	9th c. d. c.	3 sep. 19	Brooklyn.
Campbell, Alfred B., 4 aug. 84.	adj. 14 inf.	29 July 89	Brooklyn.
Campbell, Douglas, 17 oct. —.	9th c. a. c.	11 oct. 18	New York.
Campbell, Ulysses 20 mar. 18.	5th btn.	29 sep. 19	Chateaugay.
Carpenter, Robert E., 18 Jan 12.	10 inf.	4 may 17	Albany.
Carroll, Michael H., 6 nov. 16.	69 inf.	14 aug. 17	—
Carter, Jarvis P., 19 July 18.	9 c. a. c.	2 aug. 18	New York.
Cass, Chauncey S., 25 nov. 18.	12 inf.	18 apr. 19	New York.
Cattell, James B., 28 June 98.	171 regt.	3 Jan. 99	New York.
Cavanaugh, Clarence F., 17 feb. 19.	1 f. a.	24 July 19	New York.
Chapman, William C., 27 July 18.	1 f. a.	31 dec. 18	—
Cipperly, Henry Darius.	47 inf.	2 sep. 16	Brooklyn.
Clapp, F. Austin, 12 nov. 18.	8 c. d. c.	22 dec. 19	New York.
Cochran, James, 3 oct. 18.	14 inf.	7 aug. 19	Brooklyn.
Coffin, Tristram, 6 Jan. 16.	U. S.	2 sep. 19	Hudson.
Cohen, David B., 10 aug. 98.	109 regt.	22 dec. 98	New York.
Colby, Francis Thompson, 29 Jan. 13.	2 f. a.	3 Jul. 15	New York.
Cole, Franklin B., 28 feb. 18.	1 sig. corps.	29 oct. 19	New York.
Conklin, Elwood Cline, 3 June 98.	171 regt.	3 Jan. 99	New York.
Conklin, James A., 8 Jan. 18.	1 inf.	25 mar. 19	Milton.
Conner, Michael H., 5 May 18.	U. S.	11 nov. 19	Cohoes.
Conway, David L., 7 Oct. 11.	3 inf.	18 dec. 18	—
Connelly, Charles M., 15 Mar. 89.	71 inf.	23 Jun. 17	New York.
Cook, James H., 14 Jun. 17.	3 inf.	4 Sep. 19	Auburn.
Coolley, Benjamin Franklin, 12 Jul. 98.	132 sep. co.	10 dec. 98	Oyster Bay, L. I.
Cornwall, John R., 26 Sep. 18.	1 f. a.	3 May 19	New York.
Coudert, Fred R., Jr., 2 Jul. 19.	U. S. A.	29 May 19	New York.
Coyle, Thomas, 13 Feb. 19.	6 bat.	25 Mar. 19	Brooklyn.
Craeto, Frank P., Jr., 3 Feb. 19.	1 f. a.	2 Jul. 19	New York.
Crawford, Henry E., 19 Jun. 18.	9 c. d. c.	2 Apr. 19	Brooklyn.
Creiger, Abbott M., 10 May 18.	1 inf.	19 Nov. 19	New York.
Crewe, Reaford, 17 Sep. 18.	U. S. A.	21 May 19	New York.
Curtis, Frederick Walter, 23 Dec. 10.	13 c. d. c.	3 May 15	New York.
Curtis, George, 4 May 00.	13 regt.	21 Jul. 16	New York.
Daisy, George D., 27 May 19.	U. S.	30 Dec. 19	Greenwich.
Davidson, Henry Fletcher, 6 May 08.	71 inf.	30 Apr. 17	New York.
Davis, Fred W., 17 Jan. 18.	3 inf.	27 Mar. 19	Morton.
Davis, Joseph William, 10 Jun. 15.	13 c. d. c.	8 Mar. 16	Brooklyn.
Davis, Kenneth E., 17 Dec. 17.	6 bat.	25 Mar. 19	East Hampton.
Deeves, Richard Anderson, 26 Feb. 10.	22 engrs.	29 Sep. 16	New York.
Denn, John Joseph, 12 May 05.	14 inf.	23 Sep. 15	Brooklyn.
Diabrow, Samuel, 21 Dec. 18.	71 inf.	30 Sep. 19	New York.
Dougherty, Theodore, 22 May 18.	Bat. adj. 1 bty.	1 Nov. 18	New York.
Dowden, Clarence Oswald, 1 Oct. 00.	mil. pharmacist	47 inf.	Brooklyn.
Drennan, John F.	U. S.	15 Jul. 19	Buffalo.
Drexel, Anthony J., Jr., 12 Sep. 18.	U. S.	26 Nov. 19	Philadelphia.
Dunlop, Beveridge C., 8 Nov. 17.	1 inf.	25 Mar. 19	New York.
Dunwell, William K., 21 Jun. 18.	6 bat.	25 Mar. 19	S. Hampton.
Dwinell, George W., 25 Oct. 15.	U. S.	20 Sep. 19	New York.
Eagle, Henry, 7 Mar. 18.	71 inf.	2 Apr. 19	New York.
Easton, Roland J., 29 May 16.	U. S.	3 Sep. 19	Albany.
Edwards, Frank Burch, 21 Apr. 98.	adj. 17 bat.	15 Mar. 99	Ft. Wingate, N. M.
Edwards, James Howard, 11 May 98.	110 bat.	15 Mar. 99	Albany.
Ehrlich, Oscar F., 6 Aug. 17.	2 inf.	24 Oct. 19	Gloversville.
Ekman, Carl G., 4 Dec. 17.	47 inf.	23 Jul. 19	Brooklyn.
Englehardt, F. G., 8 Jul. 16.	4 amb. co.	18 Dec. 18	—
Ericson, George Henning.	—	6 Jan. 17	Brooklyn.
Ernst, John H. Jr., 19 Mar. 18.	U. S. A.	26 May 19	Brooklyn.
Estey, Adrian, 26 Sep. 18.	1 f. a.	4 Feb. 19	Binghamton.
Fagan, Edward J., 7 Oct. 17.	U. S.	10 Dec. 19	New York.
Farrington, Robert Webster, 20 Dec. 09.	ord. dept.	1 May 14	Buffalo.
Farrington, William Doty, 14 May 08.	8 c. d. c.	24 Jul. 15	New York.
Field, William Putnam, 17 Aug. 98.	109 inf.	22 Dec. 98	New York.
Fielding, Warren C., 20 May 18.	22 engrs.	14 Nov. 19	New York.
Finegan, James E., 30 Nov. 17.	1 inf.	25 Mar. 19	Haverstraw.

RESERVE OFFICERS — (Continued)

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	Organization in which last served	Date	
FIRST LIEUTENANTS — Continued			
Fisher, Irving, Jr., 11 feb. 19.	7 inf.	7 aug. 19	New York.
Fisher, Samuel Percy, 24 feb. 91.	71 inf.	7 jun. 17	Brooklyn.
Fitzgerald, Frank P., 29 oct. 19.	U. S. A.	8 mar. 19	Troy.
Fitzpatrick, John T., 20 aug. 18.	U. S.	30 jun. 19	Albany.
Ford, Robert C., 1 may 87.	69 regt.	6 dec. 93	New York.
Francis, Eugene Mitchell, 22 aug. 98.	109 regt.	22 dec. 98	New York.
Frankel, Joseph.	1 f. a.	5 aug. 19	New York.
Gale, Miles M., 30 jan. 18.	5 bat.	11 sep. 18	
Gandolfo, Joseph H., 28 aug. 18.	71 inf.	8 nov. 19	New York.
Gately, George E.		16 apr. 17	Buffalo.
Gay, James E., 13 feb. 19.	6 bat.	25 mar. 19	East Hampton.
Gessler, LeRoy, 10 jul. 17.	2 inf.	6 jun. 19	Amsterdam.
Gibbs, Albert W., 23 aug. 18.	U. S.	17 oct. 19	New York.
Gibson, Walter L., 27 jun. 06.	U. S.	2 oct. 19	Brooklyn.
Girvin, Thomas.	71 inf.	1874	New York.
Gleason, Andrew Chase, 26 jul. 98.	108 sep. co.	17 dec. 98	Rochester.
Gleed, James W., 12 may 98.	131 sep. co.	10 dec. 98	Mohawk.
Glynn, George Alexander, 9 mar. 91.	48 sep. co.	14 mar. 93	Albany.
Godwin, Victor, 20 aug. 18.	71 inf.	18 apr. 19	New York.
Goepel, Percy R., 11 jun. 18.	13 c. d. c. n. y. n. g.	10 nov. 19	Brooklyn.
Goff, John William, Jr., 25 sep. 11.	71 inf.	19 jun. 17	New York.
Golden, William G., 1 nov. 18.	U. S.	9 sep. 19	Buffalo.
Golding, John Noble, 18 jun. 88.	71 regt.	20 jun. 16	New York.
Goodfellow, Eugene H.	m. c.	6 July 16	New York.
Graham, Wilmot Cornish, 22 jan. 97.	19 sep. co.	21 jun. 97	Poughkeepsie.
Gray, Maxwell H., 27 jun. 16.	U. S.	25 oct. 19	Brooklyn.
Green, Norwin H., 17 dec. 17.		19 feb. 19	New York.
Green, William H., 17 dec. 17.	6 bat.	25 mar. 19	East Hampton.
Griffeth, Chester P., 2 feb. 18.	3 inf.	27 jan. 19	Rochester.
Guerin, Evariste A., 4 dec. 18.	13 c. d. c.	13 mar. 19	Brooklyn.
Hafner, Henry, 12 apr. 16.	3 f. a.	23 jun. 17	Buffalo.
Hagen, William, 18 mar. 19.	2 inf.	6 jun. 19	Troy.
Hagenmiller, John W., 30 sep. 18.	U. S.	9 jul. 19	New York.
Halpin, Francis, 15 oct. 15.	squad. A.	15 oct. 15	New York.
Hammond, Wilber B., 16 dec. 04.	10 inf.	14 nov. 19	Yonkers.
Hannan, Cornelius, 26 may 98.	112 sep. co.	10 dec. 98	Watervliet.
Hardy, George J., 16 june 93.	9 regt.	22 dec. 98	New York.
Hart, Benjamin S.		9 jun. 17	New York.
Hathaway, Frank Bradner, 19 apr. 98.	comy. of sub. 12 bat.	15 mar. 99	Middletown.
Hayes, William A.	9 c. d. c.	8 oct. 15	New York.
Haseltine, Laban, 9 sep. 98.	asst. surg. 113 sep. co.	20 dec. 98	Jamestown.
Hasen, John, 25 oct. 17.	3 inf.	29 sep. 20	Brickport.
Henry, John Joseph, 30 apr. 98.	69 regt.	15 mar. 00	New York.
Herbert, Victor, 30 aug. 18.	22 eng.	17 oct. 19	New York.
Herron, Joseph A., 2 dec. 16.	4 N. Y. vols.	2 dec. 15	New York.
Hickman, Willis G., 22 mar. 19.	74 inf.	20 oct. 19	Buffalo.
Higgs, Clarence W., 21 jul. 17.	8 c. d. c.	13 feb. 19	New York.
Hill, Thomas Alfred, 3 jun. 98.	171 regt.	3 jan. 99	New York.
Hillenbrand, Christopher B., 12 aug. 98.	bat. adj. 108 inf.	22 dec. 98	New York.
Hille, Guy Davidson, 13 jul. 16.	10 inf.	18 sep. 17	Albany.
Hines, William A., 4 dec. 18.	22 eng.	26 nov. 19	New York.
Hinman, Bert A., 3 dec. 18.	71 inf.	18 apr. 19	New York.
Hoag, Arthur M., 11 dec. 17.	4 inf.	22 jan. 19	Binghamton.
Hock, Frank C., 21 jun. 08.	1 inf.	25 mar. 18	Goshen.
Hoober, John C., 19 jun. 19.	69th inf.	30 jun. 19	New York.
Hoffman, Harry Natt, 18 sep. 06.	bat. qm. 3 inf.	21 jan. 08	Elmira.
Hollander, Elmer R., 4 dec. 17.	9 c. d. c.	2 jul. 19	New York.
Holderber, Charles F., 28 dec. 18.	71 inf.	17 sep. 19	New York.
Honan, Lawrence J., 13 jan. 19.	U. S.	15 aug. 19	New York.
Howard, Harry, 26 jun. 18.	2 inf.	24 oct. 19	Amsterdam.
Howard, William F., 20 nov. 18.	9 c. d. c.	28 nov. 19	New York.
Hoyer, William Edmund, 29 may 08.	8 c. d. c.	7 July 16	New York.
Hull, Alton Joye, 1 apr. 15.	23 inf.	18 jun. 17	New York.
Humbert, Arthur C., 16 jun. 98.	171 regt.	3 jan. 99	New York.
Husch, Sylvester B., 13 feb. 19.	9 c. d. c.	17 jul. 19	New York.
James, Arthur E., 11 dec. 17.	7 inf.	13 may 19	New York.
James, Frederick, 31 oct. 17.	3 inf.	4 sep. 19	Rochester.
Janea, Edward Foster, 24 jun. 16.	12 inf.	27 sep. 16	New York.
Janne, Louis D., 25 jan. 18.	U. S.	11 jun. 19	Binghamton.
Jeffrey, Stewart Lee, 10 jul. 12.	10 inf. m. c.	7 jul. 16	Yonkers.

RESERVE OFFICERS—(Continued)

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FIRST LIEUTENANTS—Continued			
Jerome, Jerome V., 9 nov. 17.....	6 bat.....	25 mar. 19	East Islip.
Jessup, Charles M., 13 jul. 87.....	12 regt.....	29 oct. 90	New York.
Johnson, Cornelius R., 20 aug. 19.....	U. S.....	19 aug. 19	Troy.
Johnson, Edward, 14 jun. 98.....	171 regt.....	27 jul. 98	New York.
Jones, Elisha, 17 may 98.....	144 sep. co.....	24 feb. 99	Utica.
Jones, Henry N., 15 oct. 18.....	3 inf.....	18 sep. 19	Syracuse.
Joslin, Edward, 24 may 98.....	109 sep. co.....	10 dec. 98	Whitehall.
Kaeppel, Arthur E., 24 jan. 16.....	U. S.....	3 jul. 19	Binghamton.
Kelley, James Stuart, 5 jul. 98.....	165 inf.....	22 dec. 98	New York.
Kelly, Charles Austin, 11 oct. 16.....	14 inf.....	17 aug. 17	New York.
Kenney, Parker John, 28 feb. 16.....	3 inf.....	20 jun. 16	Ogdensburg.
Kernochan, Frederic, 23 aug. 04.....	bat. qm. 12 inf.....	21 jan. 08	New York.
Kirby, Charles Wright, 11 aug. 16.....	71 inf.....	11 aug. 17	New York.
Kirkpatrick, Edward M., 15 aug. 16.....	69 inf.....	20 jun. 19	New York.
Kirowitz, Gabriel S., 11 feb. 19.....	1 f. a.....	16 dec. 19	Binghamton.
Klinger, Walter B., 20 feb. 18.....	4 inf.....	7 mar. 19	Friendship.
Kraft, Otto H., 8 dec. 73.....		23 jul. 75	
Ladew, Edward W., 27 feb. 12.....	22 corps of engs.....	23 dec. 14	New York.
Lane, Alfred S., 20 Nov. 18.....	9 c. d. c.....	14 nov. 19	New York.
Lane, Henry, 6 jun. 98.....	108 regt.....	22 dec. 98	New York.
Lathrop, Henry Stebbins, 15 sep. 98.....	108 inf.....	22 dec. 98	Elizabeth, N. J.
Lawrence, Effingham N., 7 mar. 19.....	1 f. a.....	12 jul. 19	New York.
Lawton, Addison, 4 dec. 18.....	8 c. d. c.....	26 sep. 19	New York.
Leake, Theodore H., 24 may 18.....	10 inf.....	1 oct. 18	Albany.
Ledford, John, 8 may 17.....	u. s.....	16 dec. 19	Albany.
Lee, Henry F., 1 mar. 18.....		1 mar. 18	Syracuse.
Layden, Leon M., 28 may 19.....	2 inf.....	16 dec. 19	Whitehall.
Levy, Berthold M., 30 jan. 18.....	10 inf.....	13 nov. 19	Albany.
Liebert, Fred W., 26 aug. 18.....	22 eng.....	26 nov. 19	New York.
Lines, Harvey E., 8 oct. 17.....	9 c. d. c.....	2 apr. 19	New York.
Little, Horace A., dec. 1918.....	u. s.....	12 dec. 19	New York.
Lloyd, William R., 6 jun. 98.....	108 regt.....	22 dec. 98	New York.
Lockwood, Lewis G., 25 oct. 17.....	3 inf.....	29 aug. 19	Songea.
Lorentzen, Julius C., 6 nov. 18.....	1 f. a.....	9 aug. 19	Brooklyn.
Lovell, Fred K., 20 sep. 15.....	u. s.....	14 oct. 19	New York.
Lyon, Charles F., 11 jun. 18.....	13 c. d. c.....	19 may 19	Brooklyn.
McAdams, Charles N., 17 oct. 18.....	1 f. a.....	22 oct. 19	New York.
McConkey, Thomas A., 9 jun. 98.....	169 inf.....	24 feb. 99	Saratoga.
McCoy, James John, 3 feb. 92.....	69 regt.....	6 dec. 93	New York.
McDonnell, James F., 22 sep. 17.....	u. s.....	21 aug. 19	Far Rockaway.
McDowell, Frederick Lowman, 9 dec. 92.....	45 sep. co.....	6 dec. 93	Cortland.
McGrath, Denis Joseph, 12 jul. 98.....	169 inf.....	24 feb. 99	Brooklyn.
McGuire, Clarence V., 27 mar. 18.....	1 f. a.....	4 dec. 18	New York.
McGibbon, George N., 24 nov. 15.....	1 bat. sig. corps.....	24 nov. 15	New York.
McNeil, Thomas J.....		8 jul. 16	New York.
Mackin, Robert N., 13 dec. 15.....	9 c. d. c.....	13 dec. 15	New York.
Magonigle, Harold Van Buren, 15 aug. 98.....	bat. adj. 109 inf.....	22 dec. 98	New York.
Maher, John D., 9 jul. 98.....	114 regt. n. y. v.....	16 may 16	New York.
Mahon, Charles, 1 aug. 90.....	69 regt.....	6 dec. 93	New York.
Marsh, Valentine, 22 aug. 98.....	109 regt.....	22 dec. 98	New York.
Martin, Edward Elsworth Irwin, 11 aug. 16.....	d. b. 71 regt.....	6 oct. 16	Brooklyn.
Martin, Harwood, 25 oct. 17.....	3 inf.....	11 feb. 19	Honeoye Falls.
Matthews, George, Jr.....	u. s.....	11 aug. 19	New York.
Maxwell, Frederick Stevens.....	d. b. 71 regt.....	10 jul. 16	New York.
Meinke, John H., 24 may 19.....	71 inf.....	30 jun. 19	New York.
Mellen, Henry, 20 jun. 16.....	u. s.....	22 oct. 19	White Plains.
Merriman, James D., 14 mar. 18.....	12 inf.....	24 jan. 19	New York.
Merrill, Alden Jesse, 22 oct. 01.....	31 sep. co.....	11 may 17	New York.
Meyer, Schuyler M., 26 jan. 18.....	1 f. a. a. c.....	11 oct. 18	New York.
Miller, John, 17 aug. 08.....	c. a. c. 34 co.....	4 feb. 18	New York.
Miller, John V., 27 jun. 18.....	q. m. c.....	13 dec. 19	Yonkers.
Miller, Mac N., 14 jun. 17.....	10 inf.....	14 feb. 18	Albany.
Miner, Henry Clay, 23 jan. 06.....	22 regt.....	4 may 17	New York.
Minton, James V., 8 nov. 80.....	11 sep. co.....	17 jun. 81	Westfield.
Moe, Earl T., 30 jan. 18.....	4 inf.....	7 mar. 19	Groton.
Moffit, Thomas R., 30 jan. 18.....	5 btn.....	29 aug. 19	Saratoga.
Moon, John H., 6 jun. 98.....	108 inf.....	22 dec. 98	New York.

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FIRST LIEUTENANTS — Continued			
Moore Frederick Charles, 98 apr. 07...	71 regt.	28 jun. 16	New York.
Morgan, John W., 12 aug. 98.	108 regt.	22 dec. 98	New York.
Mould, Erwin, 13 may 98.	114 sep. co.	24 feb. 99	Rochester.
Moyer, William H., 17 jan. 19.	1 f. a.	4 aug. 19	Syracuse.
Muckenfuss, Lee P., 28 mar. 19.	22 eng.	13 nov. 19	New York.
Mulford, Joseph Parker, 30 apr. 98.	8 inf.	22 dec. 98	Brooklyn.
Murphy, John J., 5 jul. 16.	74 depot bat.	24 jun. 18	Buffalo.
Nelson, Lewis H., 21 may 98.	107 sep. co.	10 dec. 98	Winston—Salem, N. C.
Nightingale, Fred, 13 feb. 19.	6 btn	25 mar. 19	Sag Harbor.
Norton, Robert H. 15 aug. 17.	u. s.	7 nov. 19	Albany.
O'Connor, Francis B., 20 feb. 18.	4 inf.	11 nov. 19	Wellsville.
O'Donohue, Louis V., 18 mar. 95.	comd. of sub. sq. A	21 jan. 08	New York.
O'Keefe, Maurice Davis, 23 jun. 98.	169 regt.	24 feb. 99	New York.
O'Malley, Joseph, 15 oct. 15.	23 inf.	15 oct. 15	New York.
O'Reilly, Thomas Joseph, 4 feb. 08.	69 regt.	31 jul. 16	New York.
Orgill, John C., 28 oct. 18.	2 f. a.	29 oct. 19	Brooklyn.
O'Rourke, Edward H., 20 apr. 18.	u. s.	26 aug. 19	Buffalo.
Page, Joseph R., 1 jul. 18.	4 inf.	7 mar. 19	Ithaca.
Palmer, Earl K., 10 jul. 18.	u. s.	16 oct. 19	Mohawk.
Parke, Floyd B., 20 may 87.	26 sep. co.	21 jun. 97	Elmira.
Patterson, Henry Augustus, 3 jun. 98.	171 inf.	3 jan. 99	New York.
Patton, Herbert W., 14 may 98.	103 sep. co.	24 feb. 99	Boston, Mass.
Pedersen, John Douglas, 19 feb. 14.	1 inf.	26 jun. 16	Mohawk.
Pellew, Charles Everitt.	8 c. d. c.	14 nov. 17	New York.
Pennefather, J. Raymond, 23 nov. 17.	22 eng.	27 feb. 19	New York.
Peobles, John C., 8 jan. 18.	3 inf.	17 dec. 19	New York.
Phillips, James J., 4 feb. 18.	8 c. d. c.	21 jul. 19	Rochester.
Phillips, Walter E.	71 inf.	30 jun. 19	New York.
Pierce, Alfred W., 20 oct. 17.	u. s.	17 dec. 18	
Plumley, Charles B., 13 dec. 11.	u. s.	9 jun. 19	Cohoes.
Poole, Sidman P., 15 aug. 17.	u. s.	17 nov. 19	Syracuse.
Porter, Arthur R., 16 jan. 08.	47 inf.	16 aug. 18	Utica.
Pruter, Frederick, 1 oct. 19.	u. s.	12 may 19	Brooklyn.
Pruyn, Foster, 14 jun. 17.	10 inf.	30 nov. 17	Albany.
Radcliffe, Clarence Van Ness, 16 jun. 09.	7 inf.	17 jun. 16	New York.
Reagan, James Henry, 17 may 98.	122 sep. co.	9 dec. 98	Saratoga Springs.
Reilly, Edward J., 23 nov. 17.	47 inf.	2 dec. 19	Brooklyn.
Reinold, Edgar VanCourt, 24 jun. 16.	71 inf.	27 oct. 17	Yonkers.
Reynolds, Reginald, 30 dec. 08.	12 regt.	10 mar. 16	New York.
Reynolds, Thomas Lennon, 15 jul. 02.	69 inf.	28 sep. 17	New York.
Richard, Aurelien R., 1 nov. 18.	1 f. a.	25 mar. 19	New York.
Richards, Edward L., 14 jan. 18.	15 inf.	12 jul. 19	New York.
Ripley, Henry Baldwin Hyde, 6 jul. 15.	12 inf.	8 may 16	New York.
Rivers, William J., 7 aug. 17.	1 inf.	16 dec. 18	Watertown.
Roberts, Edwin M., 24 jan. 18.	u. s.	3 may 19	Auburn.
Roberts, William, 18 oct. 17.	22 eng.	26 nov. 19	New York.
Robertson, Victor Arthur, 5 aug. 16.	14 inf.	17 aug. 17	New York.
Rockwood, Harold Arthur, 16 dec. 12.	74 inf.	4 may 17	Amsterdam.
Roeser, John Edward, 6 jun. 98.	112 inf.	24 jan. 99	New York.
Romer, Charles Baetsel, 11 jun. 98.	130 sep. co.	17 dec. 98	Elmira.
Rolfe, James A., 28 aug. 18.	3 inf.	7 aug. 19	Clifton Springs.
Rothemeyer, Herbert Norris, 10 june 98.	65 inf.	11 jul. 16	Buffalo.
Rosenberger, James M., 3 apr. 19.	13 c. d. c.	21 jun. 19	New York.
Ross, Charles M., 4 dec. 18.	13 c. d. c.	10 sep. 19	Brooklyn.
Ross, Herbert E., 1 oct. 17.	u. s.	6 jun. 19	Warrensburg.
Rousseau, Theodore Duncan, 2 dec. 15.	1 brig.	25 may 16	New York.
Kowe, Mark D., 10 may 18.	12 inf.	28 mar. 19	New York.
Russell, Thomas Hendrick, 5 mar. 12.	med. corps.	24 nov. 14	New York.
Sagons, Charles Benedict, 2 dec. 14.	14 inf.	23 jun. 16	Brooklyn.
Sanger, Louis, 11 jul. 17.	u. s.	13 jun. 19	New York.
Satorius, Irving A., 3 feb. 19.	1 f. a.	14 jun. 19	New York.
Schiller, Julius, 26 sep. 08.	2 inf.	7 aug. 17	Amsterdam.
Schlieper, Ernest F., 5 dec. 18.	13 c. d. c.	10 sep. 19	Brooklyn.
Schuyler, Robert L., 17 nov. 19.	22 eng.	14 nov. 19	New York.
Seymour, Thomas, 4 feb. 10.	9 c. d. c.	27 dec. 17	New York.
Shattuck, Algernon B., 3 aug. 16.	3 inf.	4 jan. 18	Medina.
Shaw, Lyman A., 21 jun. 16.	u. s.	19 jun. 19	Albany.
Sherwood, James Tyler, 23 dec. 10.	1 inf.	4 dec. 17	New York.
Shirley, Rufus G., 15 oct., 15.	9 c. d. c.	15 oct. 15	New York.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	To Reserve List		Residence
	Organization in which last served	Date	
FIRST LIEUTENANTS — <i>Concluded</i>			
Shields, William Hamilton, 10 may 98.	106 sep. co.	10 dec. 98	Troy.
Shinners, John T., 25 may 10.	1 f. a. c.	22 jan. 18	Binghamton.
Signor, Charles G., 17 feb. 19.	74 inf.	29 aug. 19	New York.
Simons, Leon Marvin, 22 jan. 15.	47 inf.	25 may 17	New York.
Simpeon, Robert L., 18 jul. 18.	sq. C.	20 mar. 19	Huntington.
Siak, Maurice, 8 jun. 98.	169 regt.	24 feb. 99	New York.
Sisson, Lewis E., 13 dec. 18.	8 c. d. c.	30 jun. 19	New York.
Smith, Albert Rockwell, 30 jun. 03.	compy. of sub. 1 bat.	17 jul. 07	No. Tonawanda.
Smith, Frederick William, 29 dec. 08.	1 sig. cor.	9 aug. 16	New York.
Smith, Harvey N., 6 oct. 17.	3 inf.	20 jun. 19	Syracuse.
Smith, Lewis B., 24 may 18.	10 inf.	17 oct. 19	New Hartford Pl.
Smith, William K., 26 dec. 17.	2 inf.	7 mar. 19	Gloversville.
Stern, Albert, 11 oct. 17.	1 f. a.	14 may 18	New York.
Stevenson, Mayne Reed, 9 jun. 98.	113 sep. co.	20 dec. 98	Jamestown.
Stillings, John A. B., 4 dec. 18.	q. m. c.	23 apr. 19	Albany.
Stivers, John Dunning, 26 apr. 98.	qm. 12 bat.	15 mar. 99	Middletown.
Stranahan, J. Orley, 23 sep. 98.	asst. surg. 115 sep. co.	15 mar. 99	Rome.
Spawton, Fred G.	u. s.	9 aug. 19	Buffalo.
Speares, Herbert W., 3 nov. 17.	1 cav.	13 jun. 19	Rochester.
Spence, Harry L., 21 aug. 18.	13 c. d. c.	20 feb. 19	New York.
Sullivan, Harry P., 8 feb. 18.		19 nov. 19	Brooklyn.
Swaab, Frank L., 3 feb. 19.	1 f. a.	12 aug. 19	New York.
Taggart, William E., 20 apr. 18.	u. s.	11 aug. 19	Buffalo.
Tansley, Frank D., 29 may 06.	9 c. d. c.	20 sep. 15	New York.
Taylor, Joseph H. W., 10 oct. 18.	2 inf.	19 aug. 19	Schenectady.
Thomas, Charles E. L., 6 apr. 15.	69 inf.	24 nov. 15	New York.
Thomas, James Winthrop, 25 may 10.	8 c. d. c.	19 may 14	New York.
Thompson, William Bryan, 19 sep. 98.	i. s. a. p. 11 bat.	15 mar. 99	Mount Vernon.
Tirrell, Addison S., 24 may 19.	74 inf.	29 aug. 19	Buffalo.
Tomlinson, Burt Franklin, 22 jun. 15.	9 c. d. c.	8 may 16	New York.
Trembley, Charles C., 21 may 18.	5 btn.	29 aug. 19	Saranac.
Trotman, W. Fred, 28 dec. 18.	15 inf.	26 may 19	New York.
Trowbridge, Oliver B., 30 aug. 18.	3 inf.	20 aug. 19	Pulaski.
Van Horne, Hervey H., 4 dec. 17.	47 inf.	5 jun. 18	Brooklyn.
Van Tuyl, Otto W., 17 apr. 18.	6 bat.	25 mar. 19	Greenport.
Vollmer, William H., 27 nov. 17.	u. s. a.	15 may 19	New York.
Vorce, Walter H., 4 jun. 98.	101 sep. co.	26 dec. 98	Rochester.
Waldron, Leonard Truman, 3 jun. 98.	171 regt.	3 jan. 99	New York.
Walker, Henry Halsey, 6 may 98.	47 regt.	16 may 99	Brooklyn.
Walton, L. Roberts, 4 apr. 11.	u. s.	9 oct. 19	New York.
Ward, James Joseph, 5 sep. 82.	69 regt.	24 jun. 95	New York.
Warner, Oliver L., 28 aug. 18.	4 inf.	7 mar. 19	Penn. Yan.
Warren, William H., 5 may 17.	9 c. d. c.	1 feb. 19	Long Island City.
Weir, James, 17 mar. 05.	compy. of sub. sq. C.	21 jan. 08	Brooklyn.
Wells, James L., Jr., 3 may 18.	8 c. d. c.	13 aug. 19	New York.
Werner, Carl A., 28 may 19.	13 c. d. c.	10 sep. 19	Brooklyn.
Whaley, Arthur Moulder, 25 jul. 98.	165 regt.	22 dec. 98	Buffalo.
Whelply, David, 6 jun. 17.	u. s.	9 jun. 19	New York.
Whitbeck, John W., 5 sep. 17.	9 c. d. c.	28 feb. 18	New York.
White, John K., 6 apr. 17.	3 f. a.	22 jan. 18	Buffalo.
Whritenour, George E., 18 oct. 17.	1 inf.	27 feb. 19	Sloatsburg.
Wilde, George M.	13 c. d. c.	6 jun. 19	Brooklyn.
Wilder, Guernsey L., 5 apr. 17.	u. s.	15 may 19	Potsdam.
Williams, Allen P.	u. s.	20 aug. 19	Rochester.
Williams, Edgar Julian, 11 oct. 16.	14 inf.	17 aug. 17	Brooklyn.
Williams, Roger H., 14 mar. 19.	9 c. d. c.	2 oct. 19	New York.
Wilson, James Whitney, 20 dec. 06.	3 inf.	17 aug. 17	Geneva.
Wilson, Walter Morse, 3 dec. 02.	65 inf.	27 jul. 16	Buffalo.
Windholz, Louis, 26 sep. 78.	compy. of sub., 51 inf.	17 dec. 81	New York.
Wood, Allan B., 20 feb. 98.	14 inf.	24 apr. 18	Brooklyn.
Wood, Franklin Thomas, 26 may 99.	compy. of sub. 4 bat.	1 may 05	Albany.
Wood, Lansing Pruyin, 16 dec. 98.	110 bat.	15 mar. 99	New York.
Woodard, Barton E., 30 jul. 18.	u. s.	27 aug. 19	Medina.
Woodruff, Henry Adair, 14 jun. 98.	171 regt.	3 jan. 99	New York.
Woodward, Rignal D., 6 jun. 98.	112 inf.	24 jan. 99	New York.
Wright, Clarence S., 19 jul. 98.	133 sep. co.	24 feb. 99	Walton.
Wright, Clarence T., 1 jun. 05.	1 inf.	21 nov. 18	Carthage.
Young, Frederick G., 8 aug. 16.	22 eng. m. c.	26 jan. 18	New York.
Yung, Fred, 30 sep. 85.	qm. 11 regt.	14 jan. 90	New York.
Zacharie, Charles Cowing, 28 oct. 15.	10 inf.	20 apr. 17	White Plains.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organisation in which last served	Date	
FIRST LIEUTENANTS, NATIONAL DEFENSE ACT, JUNE 30, 1916			
Benson, Edward G., 13 aug. 17.	m. c.	24 jul. 19	Albany.
Fgiott, William J., 9 jun. 19.	inf.	13 jun. 19	Syracuse.
Hichman, Harold, 31 mar. 17.	q. m. c.		Albany.
Horsburgh, Walter W., 2 jun. 19.	inf.	3 jun. 19	Syracuse.
Johnson, William Arthur, 13 mar. 16.	3 f. a.	31 jul. 16	Buffalo.
Keller, Charles, 13 mar. 19.	inf.	14 mar. 19	Buffalo.
McCabe, Edward M., 26 dec. 17.	inf.	31 jul. 19	Syracuse.
McDougall, Philip Sidney, 26 jun. 16.	3 f. a.	10 aug. 16	Buffalo.
McEwen, Alex W., 15 may 13.	c. of e.	2 apr. 17	New York.
Malone, Paul, 13 sep. 10.	65 inf.	8 jun. 16	Buffalo.
Morris, Edward Joseph, 25 may 14.	23 inf. m. c.	16 jun. 16	Brooklyn.
Paddock, Howard P., 11 apr. 19.	ord. dept.	12 apr. 19	Albany.
Selsbury, Nathan F., 31 may 19.	inf.	2 jun. 19	Syracuse.
Story, George R., 30 dec. 19.	inf.	9 oct. 19	Norwich.
Sweet, Alonzo R., 15 mar. 19.	inf.	19 mar. 19	Cohoes.
Van Brakle, Herman, 30 mar. 19.	f. a.	2 apr. 19	Brooklyn.
Walton, Lester Roberts, 4 apr. 11.	9 c. d. c.	5 jun. 16	New York.
Yund, Walter Charles, 19 jun. 16.	2 inf.	20 dec. 16	Amsterdam.
SECOND LIEUTENANTS			
Acker, J. I., 13 jul. 18.	2nd. 1 f. a. c.	2 dec. 18	New York.
Alman, Samuel, 19 jun. 16.	u. s.	12 nov. 19	Brooklyn.
Arnold, John Welles, 19 jun. 14.	8 c. d. c.	31 dec. 14	New York.
Arnsperger, William, 3 aug. 17.	u. s.	24 sep. 19	Brooklyn.
Aton, Lawrence W., 11 dec. 17.	4 inf.	24 oct. 18	
Atwater, Charles Anson, 31 jul. 11.	3 inf.	24 feb. 16	New York.
Bagg, Egbert, 19 apr. 16.	1 inf.	30 oct. 17	New York.
Bagley, Louis L., 25 jan. 07.	9 inf.	1 jun. 17	New York.
Bancroft, Paul.	u. s.	14 oct. 19	Brooklyn.
Bandler, Harry S., 5 jun. 18.	22 eng.	11 nov. 19	New York.
Banks, Robert A., 25 oct. 18.	15 inf.	12 jul. 19	New York.
Barnett, Jerome, 14 nov. 17.	14 inf.	16 dec. 18	New York.
Baxter, Robert L., 26 jun. 19.	22 eng.	14 nov. 19	New York.
Bayer, Charles A., 13 sep. 18.	8 c. d. c.	19 nov. 19	New York.
Becker, John J., 13 feb. 19.	10 inf.	22 sep. 19	Albany.
Bennett, Bartlett R., 17 dec. 17.	6 bat.	25 mar. 19	East Hampton.
Berger, Albert H., 28 dec. 18.	8 c. d. c.	30 dec. 19	New York.
Berston, James L.	u. s.	5 nov. 19	Yonkers.
Bishop, Mortimer, 19 feb. 19.	22 eng.	14 nov. 19	New York.
Bitroff, George Fred, Jr., 17 apr. 14.	47 int.	8 jul. 16	New York.
Blanchfield, Frank.	u. s.	16 dec. 19	Salem.
Bogardus, Raymond H., 6 aug. 18.	3 inf.	19 jun. 19	Penn Yan.
Bogert, Ovingington B., 6 may 98.	14 inf.	4 jun. 17	Brooklyn.
Bond, Montcalm Dunham, 23 sep. 98.	148 sep. co.	17 dec. 98	Oswego.
Boynton, Charles F.		17 aug. 17	New York.
Brewster, Franklin, 26 jan. 18.	1 cav.	13 jun. 19	Rochester.
Broderick, Leo H., 27 nov. 17.	u. s.	6 feb. 19	Watervliet.
Brokaw, George T., 11 dec. 17.	71 inf.	3 mar. 19	New York.
Brown, Luke C.	u. s.	23 sep. 19	Ogdensburg.
Burch, Frank P., 16 nov. 17.	74 inf.	7 jun. 19	Westfield.
Burchell, Henry Philip, 6 jun. 07.	22 eng.	13 jul. 17	New York.
Burke, Frank Martin, 11 feb. 11.	14 inf.	4 jul. 16	Brooklyn.
Burke, John H., 7 aug. 19.	u. s.	31 jul. 19	New York.
Burke, John J., 27 nov. 19.	u. s.	19 nov. 19	New Rochelle.
Burnham, Horatio B., 30 jan. 18.	3 inf.	29 aug. 19	Wells.
Burns, Vincent G., 1 jun. 18.	u. s.	18 nov. 19	New York.
Cable, William Arthur, 20 dec. 90.	bty. A, f. a.	26 apr. 17	New York.
Cain, James J., 1 nov. 18.	u. s.	2 sep. 19	Cohoes.
Campion, James G., 17 aug. 18.	u. s.	4 oct. 19	New York.
Carnes, Odell D., 30 aug. 18.		29 aug. 19	Pulaski.
Carney, Thomas A., 13 may 18.	u. s.	27 oct. 19	New York.
Carpenter, Fred, 13 may 08.	114 sep. co.	24 feb. 99	Kingston.
Carpenter, William H., 20 jun. 19.	13 c. d. c.	10 nov. 19	Brooklyn.
Caso, Philip Francis, 8 aug. 16.	23 inf.	3 feb. 17	Brooklyn.
Chambers, Albert Walter, 16 jun. 98.	171 regt.	6 jan. 99	New York.
Chambers, James, 14 jul. 98.	114 inf.	10 dec. 98	New York.
Chapman, Clarence C., 19 jun. 13.	12 inf.	28 mar. 19	New York.
Codding, George M., 20 nov. 17.	8 c. d. c.	26 nov. 19	New York.
Colburn, Arthur D., 22 mar. 16.	74 inf.	1 jul. 16	Buffalo.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
SECOND LIEUTENANTS — Continued			
Coleman, Clinton B., 14 jun. 18.	5 bat.	29 aug. 19	Saranac.
Collins, Edward F.	u. s.	14 nov. 19	Albany.
Conklin, Albert Lewis, Jr., 19 dec. 02.	c. a. c.	11 nov. 16	New York.
Cook, Douglas T., 30 sep. 18.	1 f. a.	24 jan. 19	New York.
Craumer, Ernest W., 26 aug. 18.	u. s.	1 dec. 19	Patchogue.
Croffut, Thomas D., 3 feb. 96.	13 inf.	7 may 98	Brooklyn.
Cromwell, James S., 3 aug. 16.	3 inf d. b.	24 jan. 18	Medina.
Crowley, Patrick, 12 jul. 15.	69 inf.	29 jun. 16	New York.
Curran, Thomas J., 16 sep. 18.	u. s.	18 jul. 19	New York.
Curtis, Raleigh T., 19 aug. 17.	u. s.	30 dec. 19	Troy.
Davidson, Harry J., 6 sep. 12.	2 inf.	24 mar. 17	Troy.
Dawson, Woodson H., 22 dec. 13.	22 eng.	23 dec. 14	New York.
Dennig, Charles Hovey, 17 may 98.	144 sep. co.	24 feb. 99	New York.
Denison, Charles F., 1 nov. 18.	22 eng.	11 nov. 19	New York.
Depp, Peter M., 10 jul. 16.	14 inf.	25 jun. 19	New York.
Derrick, John J., 23 nov. 17.	23 inf.	17 dec. 19	New York.
De Rouville, Herman H., 14 may 98.	110 bat.	15 mar. 99	Albany.
Dillman, Frederick C., 28 oct. 08.	14 inf.	23 nov. 15	Brooklyn.
Donavan, James E., 1 may 18.	u. s.	13 dec. 19	New York.
Donnetin, Louis W., 18 sep. 18.	22 eng.	14 nov. 19	New York.
Doecher, William Stanley, 18 jun. 09.	23 inf.	27 jun. 16	Brooklyn.
Doulon, Richard Joseph, 21 may 98.	107 sep. co.	10 dec. 98	Cohoes.
Drew, Patrick Monahan, 2 aug. 93.	69 inf.	6 dec. 93	Brooklyn.
Duffy, Charles G., 7 aug. 18.	71 inf.	25 aug. 19	New York.
Duggan, Robert E., 5 jun. 18.	69 inf.	8 nov. 19	New York.
Durkee, Frank W., 6 aug. 17.	2 inf.	1 may 19	Gloversville.
Emmons, Earl H., 11 sep. 18.	9 c. d. c.	27 feb. 19	New York.
Farley, Bernard F., 9 aug. 18.	u. s.	8 dec. 19	New York.
Feery, Denis J., 25 oct. 88.	69 regt.	6 dec. 93	New York.
Finnerty, Charles F., 13 may 18.	u. s.	29 oct. 19	New York.
Fitta, Robert H., 11 aug. 18.	8 c. d. c.	11 jan. 19	Moorea, N. Y.
Fleming, Fred Covert, 19 apr. 16.	23 inf.	26 nov. 17	Brooklyn.
Fletcher, William A., 19 aug. 17.	u. s.	6 oct. 19	Troy.
Foley, Patrick John, 29 jul. 98.	131 sep. co.	10 dec. 98	Ithaca.
Foster, Oscar R., 9 jul. 18.	14 inf.	23 apr. 19	Brooklyn.
Fowler, Harold B., 13 dec. 18.	8 c. d. c.	25 aug. 19	New York.
Foy, Glen C., 8 jun. 18.	65 inf.	29 aug. 19	New York.
Framan, Murray J., 31 jan. 19.	u. s.	27 oct. 19	Brooklyn.
Furner, Ralph Herbert, 29 dec. 13.	3 inf.	30 oct. 14	Rochester.
Gair, Russell A., 4 dec. 18.	47 inf.	20 dec. 19	Brooklyn.
Gardner, William, Jr., 14 jun. 98.	171 reg.	27 jul. 98	New York.
Gerhardt, Christian, 7 apr. 08.	71 regt.	15 jul. 16	New York.
Gilbert, John M., 30 nov. 18.	4 inf.	11 nov. 19	Wellsville.
Gillespie, Gardner, 20 jan. 19.	12 inf.	29 oct. 19	New York.
Girdner, Claude L., 17 apr. 18.	8 c. a. c.	24 jan. 19	New York.
Glahn, Roland D., 7 feb. 19.	3 inf.	21 aug. 19	Syracuse.
Gleason, Andrew H., 10 may 17.	10 inf.	14 jul. 17	Albany.
Goldstein, Louis, 20 nov. 17.	47 inf.	24 apr. 18	Brooklyn.
Gonzales, Eugene Raymond, 10 may 98.	47 inf.	16 may 99	Brooklyn.
Goodlove, Covert L., 3 feb. 19.	1 f. a.	6 jun. 19	New York.
Gordon, Thomas C., 25 oct. 17.	3 inf.	29 sep. 19	Brockport.
Gott, Thomas E., 15 jul. 18.	65 inf.	29 aug. 19	Waraw.
Granger, Edward Ross, 11 mar. 14.	1 f. a.	23 jun. 17	Manlius.
Green, George E., 26 apr. 02.	9 c. d. c.	13 sep. 15	New York.
Greene, Frank, 20 jul. 16.	2 f. a.	19 may 19	Brooklyn.
Guba, Theodore F., 5 sep. 17.	9 c. d. c.	28 feb. 18	New York.
Hagan, Walter F., 13 jun. 19.	22 eng.	22 nov. 19	New York.
Hally, Edward J., 25 oct. 17.	3 inf.	29 aug. 19	Soyes.
Hamilton, Arthur Augustus, 26 may 98.	112 sep. co.	10 dec. 98	Troy.
Hamilton, Walter G., 20 nov. 17.	1 inf.	25 mar. 19	Haverstock.
Hamilton, Wells, 6 jul. 98.	114 inf.	10 dec. 98	Brooklyn.
Harrice, Charles W., 8 apr. 18.	5 bat.	29 sep. 19	Chateaugay.
Hasselbauer, Harry J., 23 apr. 13.	22 eng.	23 dec. 14	New York.
Haughton, Harold F., 25 nov. 18.	1 f. a.	23 may 19	New York.
Hazel, George A., 18 oct. 17.	1 f. a.	17 may 18	New York.
Helwig, Herbert A., aug. 1918.	u. s.	27 dec. 19	Martinsville.
Hemingway, Marshall Freeman, 15 jul. 98.	121 sep. co.	10 dec. 98	Troy.
Higgins, William F. J., 7 jul. 15.	9 c. d. c.	7 jul. 15	New York.
Himrod, Edwin Hanford, 29 jun. 98.	114 inf.	10 dec. 98	Brooklyn.
Hobart, George H., 1 jul. 18.	3 inf.	27 feb. 19	Morton.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
SECOND LIEUTENANTS — Continued			
Hollers, Carl H. B., 6 jun. 98.....	108 inf.	22 dec. 98	Havana, Cuba.
Hones, William, Jr., 5 feb. 15.....	1 inf.	11 July 17	
Hubbard, Edward J.....	u. s.	26 sep. 19	Troy.
Humphrey, Howard R.....	u. s.	11 jun. 19	
Ingles, John C., 23 mar. 18.....	2 inf.	25 mar. 19	Whitehall.
Inselman, Henry C., 25 oct. 18.....	69 inf.	8 nov. 19	New York.
Jackson, Elwood A., 10 dec. 18.....	15 inf.	17 Jul. 19	Brooklyn.
Jaeger, Adam B.....		21 sep. 17	New York.
Johnson, J. Rosamond, 16 oct. 18.....	15 inf.	9 jun. 19	New York.
Jones, Fred W., 14 jun. 17.....	Sq. A.	27 feb. 18	New York.
Keegan, Joseph James, 1 Jul. 13.....	69 inf.	26 oct. 17	New York.
Kelly, Alfred F., 27 may 18.....	u. s.	24 oct. 19	New York.
Kenny, John Adams, 4 jun. 98.....	110 bat.	15 mar. 99	No. Yakima, Wash.
Knapp, John Thomas, 14 may 98.....	103 sep. co.	24 feb. 99	New York.
Krancher, Leonard G., 13 feb. 19.....	6 btn.	25 mar. 19	Greenport.
Kyle, James Orr, 7 June 04.....	71 inf.	8 July 16	New York.
Lahens, Louis Emile, 13 feb. 12 (bvt. 1st lt.)	7 inf.	21 June 16	New York.
Landon, Le Roy M., 27 dec. 17.....	3 f. a.	20 May 18	New York.
Lang, James W., 15 aug. 17.....	u. s.	21 Aug. 19	Brooklyn.
Laughlin, Frank Dunlap, 31 aug. 98.....	109 regt.	22 dec. 98	New York.
Lind, Harold W., 25 May 18.....	u. s.	17 sep. 19	Brooklyn.
Livingston, Duncan McR., 30 apr. 98.....	8 regt.	22 dec. 98	New York.
Loomis, Josiah R., 21 aug. 18.....	u. s.	13 mar. 19	Woodlawn.
Lord, George M., 13 dec. 18.....	8 c. d. c.	29 dec. 19	New York.
Ludlum, Nathaniel B., 11 dec. 03.....	65 regt.	27 July 16	Buffalo.
Lund, Charles Joseph, 4 June 98.....	101 sep. co.	26 dec. 98	Rochester.
Lynch, William J. T., 31 Jul. 16.....	23 inf.	26 Nov. 17	Brooklyn.
McAnerney, John, 3 June 18.....	u. s.	28 Nov. 19	Garden City.
McCarthy, Morgan, 9 oct. 18.....	u. s.	14 Nov. 19	Tiendenroga.
McDermont, William C., 11 oct. 17.....	3 inf.	3 Nov. 19	Ogdensburg.
McKeever, Isaac C., 31 aug. 98.....	112 inf.	22 Jan. 99	New York.
McLoud, Paul, 22 sep. 11.....	1 f. a.	27 June 16	Binghamton.
McMahon, Austin, John, 3 June 98.....	141 sep. co.	17 dec. 98	Syracuse.
McManus, Terence Belleau, 30 June 09.....	71 regt.	6 May 16	New York.
McPherson, Richard C., 25 oct. 18.....	15 inf.	12 July 19	New York.
Magee, George William, 4 Aug. 14.....	69 inf.	9 Oct. 17	New York.
Magee, Walter Charles, 11 mar. 92.....	69 regt.	6 dec. 93	New York.
Manley, Arthur Lindley, 26 mar. 95.....	26 sep. co.	21 June 97	Elmira.
Mann, Ellery W., 20 Jan. 14.....	22 eng.	23 Dec. 14	New York.
Mann, Jacob, — mar. 1918.....	u. s.	28 Aug. 19	Brooklyn.
Mannie, George A., 9 Jan. 19.....	13 c. d. c.	10 Sep. 19	Brooklyn.
Martin, Isaac S., 5 dec. 16.....	12 inf.	2 dec. 19	New York.
Martin, Theodore, 18 dec. 17.....	14 inf.	9 June 19	Brooklyn.
Mayer, Wyatt T., 14 June 17.....	10 inf.	2 mar. 18	Albany.
Mentzinger, William F., 13 feb. 19.....	13 c. d. c.	11 Oct. 19	Brooklyn.
Merrill, Leon A.....		23 Oct. 17	New York.
Mets, Claude L., 15 oct. 18.....	10 inf.	30 dec. 19	Albany.
Miller, Clinton E., 14 June 17.....	3 inf.	1 mar. 18	Auburn.
Miller, Harry N., 11 June 18.....	74 inf.	26 Nov. 19	Buffalo.
M'Isen, George A., 14 Aug. 16.....	u. s.	5 Sep. 19	Buffalo.
Moore, Leon C., 13 feb. 19.....	6 btn.	25 mar. 19	Patchogue.
Mowat, Sydney S., 2 Aug. 18.....	47 inf.	25 Aug. 19	Brooklyn.
Mullen, William Joseph, 20 Jan. 09.....	14 regt.	5 July 16	Brooklyn.
Munniger, Peter L.....	13 c. d. c.	19 May 19	
Nicholson, Harry F., 11 June 18.....	13 c. d. c.	10 Sep. 19	Brooklyn.
Norton, Thomas J., 11 Nov. 19.....	u. s.	14 Oct. 19	Troy.
Oatting, Walter H.....	u. s.	27 Oct. 19	Schenectady.
Osborne, Charles D., 2 May 17.....	u. s.	8 Oct. 19	Auburn.
O'Shaughnessy, Charles Lawrence, 9 Jun. 15.....	69 inf.	11 Jul. 16	Buffalo.
O'Sullivan, Mortimer McCarthy, 30 Apr. 98.....	65 inf.	15 Mar. 00	New York.
Packer, Leo D., 30 Nov. 18.....	4 inf.	7 Mar. 19	Groton.
Parenteau, Maxine John, 11 Jan. 10.....	12 inf.	25 Feb. 16	New York.
Paret, Frank Murray, 31 Aug. 98.....	109 regt.	22 Dec. 98	New York.
Parker, Marco S., 11 Dec. 17.....	7 inf.	1 Nov. 18	New York.
Pashley, Arthur W., 16 July 18.....	u. s.	15 Oct. 19	Brooklyn.
Pereira, Percival R., 24 Jan. 18.....	14 inf.	13 Nov. 18	
Phelps, William G., 30 Jan. 18.....	4 inf.	28 May 19	Binghamton.

RESERVE OFFICERS — (Continued)

NAME, GRADE AND DATE OF RANK	TO RESERVE LIST		Residence
	Organization in which last served	Date	
SECOND LIEUTENANTS — Continued			
Phillips, Arthur W., 16 sept. 18.....	u. s.....	10 feb. 19	New York.
Pinkney, Cornelius S., 11 sept. 18.....	1 f. a.....	7 July 19	New York.
Pink, George Albert, 22 may 14.....	47 inf.....	17 may 16	Brooklyn.
Pitta, Clarence Elwyn, 25 nov. 10.....	3 inf.....	20 oct. 15	Oswego.
Polhemus, Robert F., 28 feb. 18.....	1 inf.....	29 aug. 19	New York.
Potter, Joseph Boies, 24 may 98.....	109 sep. co.....	10 dec. 98	Whitehall.
Pound, George W., 28 dec. 01.....	65 inf.....	22 jan. 18	Buffalo.
Purdy, James G., 17 dec. 17.....	23 inf.....	30 dec. 19	Ossining, N. Y.
Reagan, Michael Joseph, 26 jul. 04.....	10 inf.....	19 may 14	New York.
Reidy, Michael Edward, 27 mar. 14.....	69 inf.....	6 nov. 16	New York.
Reutershan, Carl H., 17 apr. 18.....	6 btn.....	25 mar. 19	East Hampton.
Reynolds, Robert Edward Lee, 14 may 98.....	146 sep. co.....	10 dec. 98	Amsterdam.
Rhineland, Thomas J., 11 oct. 19.....	9 c. d. c.....	2 oct. 19	New York.
Rieh, Albert Edward, 25 sep. 90.....	13 regt.....	17 dec. 92	New York.
Richard, Walter L., 16 jan. 18.....	9 c. d. c.....	3 feb. 19	New York.
Riggs, Sidney W., 7 may 18.....	u. s.....	26 aug. 19	Syracuse.
Roarick, Leon R., 7 nov. 17.....	10 inf.....	28 apr. 19	Cobleskill.
Roberts, George Eleaser, 26 jul. 98.....	108 sep. co.....	17 dec. 98	Rochester.
Robertson, Alfred Chester, 20 feb. 08.....	71 inf.....	24 jan. 18	New York.
Robertson, Charles W., 22 aug. 16.....	74 inf.....	24 jan. 18	New York.
Robinson, Carl, 8 aug. 17.....	1 f. a.....	29 may 18	Johnson City.
Robinson, Edward Augustus, 12 jul. 98.....	120 sep. co.....	24 feb. 99	Binghamton.
Robinson, Edward Heaword, 24 may 98.....	137 sep. co.....	10 dec. 98	Detroit, Mich.
Rockey, Howard P.....	71 inf.....	26 nov. 19	Brooklyn.
Rockwell, Leon H., 1 June 18.....	u. s.....	24 sep. 19	Norwich.
Rogers, John, 8 oct. 17.....	9 c. a. c.....	24 jan. 18	New York.
Rosboro, Herbert Graner, 3 may 16.....	1 cav.....	9 jun. 17	Albany.
Rowell, Edwin Lewis, 21 may 98.....	133 sep. co.....	24 feb. 99	Walton.
Russell, Thomas F., 3 feb. 19.....	1 f. a.....	12 jul. 19	New York.
Sage, Edward E., 10 Jan. 84.....	7 regt.....	28 apr. 16	New York.
Santee, Ellis Monroe, 10 apr. 93.....	45 sep. co.....	6 dec. 93	Cortland.
Scharlin, Bernard, 20 June 19.....	1 f. a.....	20 jun. 19	New York.
Scheff, Bertram Rogers, 14 June 98.....	171 regt.....	3 jan. 99	New York.
Schenck, John V.....	u. s.....	10 may 19	New York.
Schoch, James G., 3 feb. 19.....	1 f.....	23 apr. 19	New York.
Schwab, Gustav, 3 dec. 13.....	u. s.....	15 nov. 19	New York.
Scott, Lester F., 25 oct. 13.....	9 c. d. c.....	22 dec. 98	Buffalo.
Shaw, Edward R., 1 July 98.....	165 regt.....	30 Jan. 19	Albany.
Sheehy, Timothy, 27 nov. 17.....	u. s.....	10 nov. 19	New York.
Shields, William R., 1 June 18.....	13 c. d. c.....	20 oct. 19	Brooklyn.
Shoemaker, Richard, 20 oct. 19.....	10 inf.....	16 may 17	Newark, N. J.
Slater, Lucius S. L., 30 dec. 04.....	2 inf.....	10 jun 19	Amsterdam.
Sleaser, J. Orville, 7 aug. 17.....	2 inf.....	19 aug. 19	Schenectady.
Slover, Walter L., 20 nov. 18.....	130 sep. co.....	17 dec. 98	Newtownville, Mass.
Sly, Hiram Belden, 10 aug. 98.....	171 regt.....	3 jan. 99	New York.
Smith, Charles Teller, 3 June 98.....	6 btn.....	25 mar. 19	East Hampton.
Smith, Frederick Crocker, 5 aug. 98.....	143 sep. co.....	17 dec. 98	Port Arthur, Tex.
Smith, Richard, 18 aug. 17.....	7 inf.....	17 dec. 17	New York.
Smith, Sanford Edward, 18 may 10.....	71 inf.....	9 aug. 16	New York.
Snook, Daniel P., 21 Jan. 91.....	13 regt.....	17 may 92	Brooklyn.
Sorensen, Thomas H., 28 aug. 19.....	4 inf.....	7 mar. 19	Penn Yan.
Spencer, James A., 8 Jan. 14.....	1 inf.....	1 feb. 18	Gouverneur.
Spicer, Claude, 19 apr. 18.....	u. s.....	21 may 19	Auburn.
Spring, William H., 25 Jan. 18.....	u. s.....	11 June 19	Binghamton.
Steinbrugge, Marcel, 10 may 18.....	1 f. a.....	25 nov. 18	New York.
Stephens, Charles Harry, 2 aug. 17.....	47 inf.....	19 oct. 17	New York.
Stewart, Thomas, 12 aug. 98.....	108 regt.....	22 dec. 98	New York.
Stockham, Joseph Godfrey, 12 nov. 14.....	23 inf.....	26 Jan. 16	Brooklyn.
Stonehouse, Roger H., 17 oct. 17.....	q. m. c.....	15 apr. 19	Albany.
Scout, Allen D., 27 mar. 18.....	3 inf.....	4 sep. 19	Auburn.
Sullivan, Thomas A.....	u. s.....	27 oct. 19	New York.
Sutherland, Francis W., 17 nov. 18.....	u. s.....	12 may 19	New York.
Throop, George Enos, 20 Jan. 99.....	112 regt.....	24 Jan. 99	New York.
Tierney, Dennis G., 24 oct. 98.....	105 sep. co.....	24 feb. 99	Ridgewood, L. I.
Timony, Arthur K., 19 July 98.....	169 regt.....	24 feb. 99	New York.
Tobey, Henry E., 3 apr. 19.....	13 c. d. c.....	23 apr. 19	Brooklyn.
Tompkins, Walter A., 11 June 18.....	1 inf.....	19 nov. 19	New York.
Torborg, John George, 21 may 98.....	13 inf.....	28 nov. 98	Brooklyn.

RESERVE OFFICERS — (Concluded)

NAME, GRADE AND DATE OF RANK	To RESERVE LIST		Residence
	Organization in which last served	Date	
SECOND LIEUTENANTS — Concluded			
Townsend, Franklin, 14 jun. 17.....	10 inf.....	30 nov. 17	Albany.
Tsacoonas, Demos, 18 July 18.....	1 m. g. co.....	6 jun. 19	Pine Plains.
Tucker, Carl E., 15 feb. 01.....	3 inf.....	21 jan. 08	Niagara Falls.
Turner, Edmund T., 21 June 18.....	6 btn.....	25 mar. 19	Southampton.
Turner, Harold M., 3 feb. 19.....	1 f. a.....	23 apr. 19	New York.
Tybring, Charles W., 14 Mar. 19.....	1 f. a.....	14 July 19	New York.
Uddyke, Hiram, 30 Jan. 18.....	4 inf.....	20 Oct. 19	Elmira.
Wade, Alfred Byers, 30 Dec. 08.....	7 inf.....	4 Jun. 17	New York.
Wall, William H., 17 Dec. 17.....	1 d. q. e., cav.....	4 Dec. 18	Rochester.
Wallau, Alex L., 13 Sep. 18.....	22 engr.....	7 Nov. 19	New York.
Walsh, Edward D., 26 Oct. 17.....	1 inf.....	25 Mar. 19	Brooklyn.
Walsh, James A., 19 Oct. 18.....	u. s.....	6 June 19	New York.
Ward, Theodore Hackett, 7 Mar. 08.....	12 regt.....	13 Sep. 16	New York.
Warner, Robert Louis Livingston, 27 Feb. 08.....	47 regt.....	29 June 16	Brooklyn.
Warrick, Stanley Cummings, 17 Jun. 98.....	102 Sep. co.....	17 Dec. 98	West Palm Beach, Fla.
Waters, Patrick J., 4 Dec. 17.....	u. s.....	22 Oct. 19	New York.
Watson, Eugene A. H., 25 June 17.....	1 m. b.....	27 Oct. 17	New York.
Whelan, Charles Thomas, 17 Jan. 07.....	3 inf.....	16 June 17	Auburn.
White, Walter F., 30 Jan. 18.....	5 bn.....	11 Sept. 18	New York.
Whitlatch, Russell W., 13 Jul 05.....	1 f.....	23 July 17	New York.
Will, Carl F., 7 Aug. 16.....	74 inf.....	24 Jan. 18	New York.
Williams, Remsen T., 14 Mar. 18.....	14 inf.....	31 Dec. 19	New York.
Wilson, Alanson B., 29 Oct. 08.....	7 inf.....	19 Jan. 18	New York.
Wolcott, E. Clinton, 20 Dec. 18.....	1 cav.....	13 June 19	Rochester.
Wolstenholme, Alfred J., 5 July 98.....	165 regt.....	22 Dec. 98	Buffalo.
Wood, Charles C., 29 Oct. 19.....	u. s. a.....	3 Mar. 19	Troy.
Young, Daniel Francis, Jr., 13 Sep. 07.....	13 c. d. c.....	26 July 17	New York.
Young, Oliver, Curtiss, 8 Sep. 15.....	65 inf.....	23 Mar. 16	Buffalo.
Zier, Calvin Valentine, 1 July 11.....	47 inf.....	8 July 16	Brooklyn.
SECOND LIEUTENANTS, NATIONAL DEFENSE ACT, JUNE 30, 1916			
Albro, Preston Maurice, 22 May 16.....	65 inf.....	18 July 16	Buffalo.
Barnum, Charles H., 7 Dec. 11.....	23 inf.....	7 July 16	Brooklyn.
Klock, Karl T., 17 Mar. 19.....	inf.....	21 Mar. 19	Syracuse.
Innes, William Henry, 20 Apr. 16.....	2 inf.....	7 July 16	Scotia.
Steger, Charles Frederick, 16 June 14.....	65 inf.....	6 July 16	Buffalo.
Stone, Steven Grant, 12 Jan. 16.....	9 c. d. c.....	10 Oct. 16	New York.
CHAPLAINS			
Bradshaw, Archibald Harmon, 1 Sep. 98.....	171 inf.....	3 Jan. 99	New York.
Clark, John L., 2 Jan. 18.....	13 c. d. c.....	10 Nov. 19	Brooklyn.
Scovill, Chas. B., 21 Aug. 18.....	71 inf.....	17 Dec. 19	New York.
Silver, Horace P., 10 Dec. 18.....	1 f. a.....	31 July 19	New York.
Thompson, Walter E., 8 April 18.....	47 inf.....	27 Oct. 19	Brooklyn.
Wadsworth, George, 18 Jan. 16.....	inf.....	25 Sep. 19	Troy.
CHAPLAINS, NATIONAL DEFENSE ACT, JUNE 30, 1916.			
McCaffrey, Charles, 14 Dec. 03.....	1 inf.....	30 June 16	Oneonta.

RETIRED OFFICERS

Brigadier General

Louis L. Babcock, 4th Brigade, April 18, 1919.

Colonels

Henry C. Barthman, 47th Infantry, March 14, 1919.

Louis J. Praeger, 23d Infantry, November 28, 1919.

Lieutenant Colonels

Daniel S. Burr, surgeon, 1st Infantry, March 25, 1907.

Majors

Henry D. McCutcheon, 47th Infantry, March 19, 1919.

Edmund D. McCarthy, A. G. D., April 18, 1919.

George C. Diehl, Engineers, April 18, 1919.

Lee H. Smith, M. C., April 18, 1919.

George J. Metzger, Engineers (N. G. R.), November 18, 1919.

Philip E. Reville, 69th Infantry, May 16, 1918.

Captains

William G. Mayer, 10th Infantry, April 16, 1919.

Louis A. Butler, 23d Infantry, November 28, 1919.

Charles H. Barnum, 23d Infantry, December 12, 1919.

Walter L. Suydam, 9th C. A. C., November 15, 1917.

John A. Anderson, Reserve List, July 31, 1918.

Second Lieutenants

Alexander R. Thompson, 9th C. A. C., February 28, 1918.

DETAILED

Major Edwin W. Moore, detailed as Aide Governor's Staff, January 15, 1918.

Second Lieutenant Harold C. Townson, detailed as Aide Commanding General, New York Guard Staff, January 16, 1918.

Second Lieutenant Richard N. Gambrell, detailed as Aide Commanding General, New York Guard Staff, January 28, 1918.

Captain John K. Green, retired to 7th Infantry, February 20, 1918.

Second Lieutenant Alexander R. Thomson, retired to 9th Coast Artillery Corps, March 29, 1918.

Lieutenant Colonel Howard C. Smith, Acting Chief of Staff Division, October 24, 1918.

Major Louis C. Trimble, Acting Inspector General, Division, October 24, 1918.

Captain Frank E. Davidson, Reserve List, to 9th Coast Artillery Corps, November 18, 1918.

Major Frederic N. Whiteley, Inspector General's Department, to Second Brigade, November 18, 1918.

Second Lieutenant William Heath, Reserve List, detailed to 10th Infantry, December 2, 1918.

Major James Eben, Reserve List, detailed to Arsenal, December 2, 1918.

Captain Hayden J. Bates, Reserve List, detailed to Arsenal, December 2, 1918.

Major Harry S. Richmond, detailed as Assistant Chief of Staff Division, December 11, 1918.

First Lieutenant Leslie D. Stickle, Reserve List, detailed to 71st Infantry, December 23, 1918.

Major Frank J. Foley, Reserve List, to New York Guard, Division, January 10, 1919.

First Lieutenant, Charles F. LaTour, 69th Infantry, to Aide Governor's Staff, January 27, 1919.

Captain George F. Rugge, Quarter Master's Corps, to Division New York Guard, February 27, 1919.

Captain Robert H. Wilder, Reserve List, to 9th Coast Defense Corps, February 28, 1919.

Major Charles H. Newman, Adjutant General's Department, Second Brigade, March 6, 1919.

Major Frank J. Foley, National Guard Reserve to 1st Brigade, March 29, 1919.

General James W. Lester, Reserve List, to 3d Brigade, April 30, 1919.

Major John S. Thompson, Reserve List, to 3d Infantry, May 20, 1919.

Major Samuel H. Merrill, Reserve List, to 3d Infantry, May 20, 1919.

Captain James Riffe, Reserve List, to 3d Infantry, May 20, 1919.

Captain George A. Elliott, Reserve List, to 3d Infantry, May 20, 1919.

First Lieutenant Edwin M. Roberts, Reserve List, to 3d Infantry, May 20, 1919.

First Lieutenant Ezra A. Barnes, Reserve List, to 3d Infantry, May 20, 1919.

Captain Frederick S. Johnston, Reserve List, to 3d Infantry, May 24, 1919.

First Lieutenant Archie Lee Blades, Reserve List, to 3d Infantry, May 24, 1919.

Lieutenant Colonel John McGaffin, Reserve List, to 2d Infantry, June 6, 1919.

Second Lieutenant J. Orville Slesner, Reserve List, to 2d Infantry, June 10, 1919.

Captain Patrick J. Rooney, Reserve List, to 69th Infantry, June 13, 1919.

Detailed — Continued

Captain Sylvester A. Dineen, Reserve List, to 69th Infantry, June 13, 1919.
 Second Lieutenant William Heath, Reserve List, to 10th Infantry, June 13, 1919.
 Captain Foster G. Hetzel, Reserve List, to 14th Infantry, June 23, 1919.
 Captain Herbert B. Laux, Reserve List, to 74th Infantry, June 23, 1919.
 Major Carl Loebe, Reserve List, to 1st Infantry, June 23, 1919.
 Second Lieutenant Peter M. Depp, Reserve List, to 14th Infantry, July 11, 1919.
 First Lieutenant Louis P. Janne, Reserve List, to 1st Field Artillery, July 14, 1919.
 Colonel Thomas Crimmins, Reserve List, to Division Headquarters, July 14, 1919.
 Major Thomas C. Collin, Reserve List, to 2d Infantry, July 15, 1919.
 First Lieutenant John C. Hootor, Reserve List, to 69th Infantry, July 30, 1919.
 Second Lieutenant Thomas J. Curran, Reserve List, 69th Infantry, July 30, 1919.
 Captain Arthur Talbot, Reserve List, to 7th Infantry, July 31, 1919.
 Captain Gordon H. Grant, Reserve List, to 7th Infantry, July 31, 1919.
 Lieutenant Colonel Alex E. Anderson, Reserve List, to 69th Infantry, August 1, 1919.
 Major Martin H. Meaney, Reserve List, to 69th Infantry, August 1, 1919.
 Second Lieutenant John H. Burke, Reserve List, to 69th Infantry, August 7, 1919.
 Major Philip Cooper, Reserve List, to 3d Infantry, August 13, 1919.
 Major Holger Andreason, Reserve List, to 2d Infantry, August 19, 1919.
 Captain Frederic A. Knowles, Reserve List, to 2d Infantry, August 19, 1919.
 First Lieutenant Joseph H. W. Taylor, Reserve List, to 2d Infantry, August 19, 1919.
 Second Lieutenant Walter L. Slover, Reserve List, to 2d Infantry, August 19, 1919.
 Major Samuel H. Merritt, Reserve List, to 3d Infantry, August 19, 1919.
 Captain Frederick S. Johnson, Reserve List, to 3d Infantry, August 19, 1919.
 First Lieutenant Cornelius R. Johnson, Reserve List, to 2d Infantry, August 20, 1919.
 First Lieutenant Julius C. Lorentsen, Reserve List, to 9th Coast Defense Corps, August 25, 1919.
 Lieutenant Colonel Thomas C. Collin, Reserve List, to 2d Infantry, September 3, 1919.
 Major John S. Thompson, Reserve List, to 3d Infantry, September 4, 1919.
 Captain Charles W. Vickers, Reserve List, to 13th Coast Defense Corps, September 4, 1919.
 First Lieutenant Edwin M. Roberts, Reserve List, to 3d Infantry, September 4, 1919.
 Second Lieutenant Claude H. Spicer, Reserve List, to 3d Infantry, September 4, 1919.
 Captain Frederick A. Thiesen, Reserve List, to 2d Infantry, September 15, 1919.
 Captain George E. Fahys, Jr., Reserve List, to 23d Infantry, September 30, 1919.
 Captain Arthur T. Smith, Reserve List, to 3d Infantry, October 1, 1919.
 Second Lieutenant T. J. Oakley Rhineland, to 9th Coast Defense Corps, October 11, 1919.
 Captain Robert H. Wilder, Reserve List, to 9th Coast Defense Corps, October 11, 1919.
 Second Lieutenant Harold W. Lind, Reserve List, to 14th Infantry, October 11, 1919.
 Second Lieutenant George Pauli, Quarter Master's Corps, to Inspector General's Department, October 11, 1919.
 Captain Ellis A. Robertson, 71st Infantry, to Inspector General's Department, October 14, 1919.

Major William M. Donnelly, Reserve List, to 69th Infantry, October 15, 1919.
 First Lieutenant Lawrence J. Homan, Reserve List, to 69th Infantry, October 15, 1919.
 Second Lieutenant William A. Fletcher, Reserve List, to Second Infantry, October 18, 1919.
 Captain Paul G. Thebaud, Reserve List, to 9th Coast Defense Corps, October 20, 1919.
 Captain Geoffrey J. O'Flynn, Reserve List, to 69th Infantry, October 20, 1919.
 Captain John J. Byron, Reserve List, to 14th Infantry, October 23, 1919.
 Captain Christian Mathiesen, Reserve List, to 1st Cavalry, October 24, 1919.
 Captain Herbert J. Broderidge, Reserve List, to 1st Cavalry, October 24, 1919.
 Lieutenant Colonel Emanuel Giddings, Reserve List, Medical Corps, to 22d Engineers, October 24, 1919.
 Major Henry D. Bagnall, Reserve List, to 74th Infantry, October 29, 1919.
 Captain George Hughes, Reserve List, to 2d Infantry, October 29, 1919.
 Major Elmer H. Ormsby, Reserve List, to 2d Infantry, October 29, 1919.
 First Lieutenant Frank P. Fitzgerald, Reserve List, to 2d Infantry, October 29, 1919.
 Second Lieutenant Edward Hubbard, Reserve List, to 2d Infantry, October 29, 1919.
 Second Lieutenant Charles C. Wood, Reserve List, to 2d Infantry, October 29, 1919.
 Second Lieutenant Murray J. Framan, Reserve List, to 14th Infantry, October 30, 1919.
 Captain Joseph P. Healey, Reserve List, to 9th Infantry, October 31, 1919.
 Second Lieutenant Thomas H. Sullivan, Reserve List, 69th Infantry, October 31, 1919.
 Captain William H. Ferguson, Reserve List, to Adjutant General's Office, October 1, 1919.
 Major William R. Wright, Reserve List, to Division, November 5, 1919.
 Captain James C. Callaway, Reserve List, to 3d Infantry, November 11, 1919.
 Second Lieutenant Thomas J. Norton, Reserve List, to 2d Infantry, November 11, 1919.
 Captain George W. Peppard, Quarter Master's Corps, to Inspection, November 12, 1919.
 Captain Edgar C. Niles, Reserve List, to Inspection, November 12, 1919.
 Captain Clarence E. Newman, Reserve List, to Inspection, November 12, 1919.
 Captain George E. Dunsbaugh, Reserve List, to Inspection, November 12, 1919.
 Major Frederick M. Waterbury, Reserve List, to Division, November 13, 1919.
 Captain Bion L. Green, to Reserve List, 3d Infantry, November 13, 1919.
 Captain Lennox C. Brennan, Reserve List, to Division, November 14, 1919.
 Captain York W. Brennan, Reserve List, to Division, November 15, 1919.
 Captain Lawrence J. Gorman, Reserve List, to Signal Corps, November 17, 1919.
 Captain Frederick A. Taylor, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Henry R. Berning, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Daniel Wolff, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Morris K. Parker, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Walter F. A. Brown, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Charles C. Tough, Reserve List, to 22d Engineers, November 17, 1919.
 Captain Robert G. Schaefer, Reserve List, to 22d Engineers, November 17, 1919.
 Captain William P. Seaver, Reserve List, to 22d Engineers, November 17, 1919.

Detailed — Concluded

- Captain Joseph V. Guilfoyle, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant LeRoy T. Brown, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant Lee P. Muckenfuss, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant Robert L. Schuyler, Reserve List, to 22d Engineers, November 17, 1919.
 First Lieutenant Warren C. Fielding, Reserve List, to 22d Engineers, November 17, 1919.
 Second Lieutenant Robert L. Baxter, Reserve List, to 22d Engineers, November 17, 1919.
 Second Lieutenant Charles F. Denison, Reserve List, to 22d Engineers, November 17, 1919.
 Second Lieutenant Mortimer Bishop, Reserve List, to 22d Engineers, November 17, 1919.
 Major Gilbert V. Schenck, Reserve List, to Inspection, November 18, 1919.
 Captain Reynolds K. Townsend, Reserve List, to Inspection, November 18, 1919.
 Captain Ralph L. Baldwin, Reserve List, 1st Infantry, November 19, 1919.
 Second Lieutenant John H. Burke, Reserve List, to 69th Infantry, November 20, 1919.
 Lieutenant Colonel Jefferson B. Latta, Reserve List, to 4th Ambulance Company, November 29, 1919.
 Major Joseph A. S. Mundy, Ordnance Department, to Division, December 2, 1919.
 Captain George F. Rugge, Quarter Master's Corps, to 10th Infantry, December 3, 1919.
- Lieutenant Colonel Thomas C. Collins, Reserve List, to 2d Infantry, December 3, 1919.
 Captain Frederick A. Knowles, Reserve List, to 2d Infantry, December 3, 1919.
 First Lieutenant James H. W. Taylor, Reserve List, to 2d Infantry, December 3, 1919.
 Second Lieutenant Walter A. Slover, Reserve List, to 2d Infantry, December 3, 1919.
 Captain Clarence H. Bobb, Reserve List, to 22d Engineers, December 4, 1919.
 Captain Edward Raldiris, Reserve List, to 2d Field Artillery, December 6, 1919.
 Captain George C. Hart, 71st Infantry, to Division, December 10, 1919.
 Second Lieutenant Samuel Alman, Reserve List, to 13th Coast Defense Corps, December 11, 1919.
 Second Lieutenant John McAnerney, 2d Reserve List, to 69th Infantry, December 16, 1919.
 Second Lieutenant Bernard Farley, Reserve List, to 69th Infantry, December 17, 1919.
 Captain William D. Baker, Reserve List, to 2d Infantry, December 24, 1919.
 First Lieutenant Joseph L. Forget, Reserve List, to 2d Infantry, December 29, 1919.
 Second Lieutenant James J. Cain Reserve List, to 2d Infantry, December 29, 1919.
 Major Phillip Cooper, Medical Corps, Reserve List, to 3d Infantry, December 29, 1919.

RELIEVED

- Captain Frank C. Herriman Reserve List, Medical Corps, from 23d Infantry January 22 1918.
 First Lieutenant John C. Skinners Reserve List from 3d Field Artillery, January 22, 1918.
 First Lieutenant Walter M. Wilson, Reserve List, from 3d Field Artillery, January 22, 1918.
 First Lieutenant John D. Clute, Reserve List, from 3d Field Artillery, January 22, 1918.
 First Lieutenant Walter C. Barker, from 3d Field Artillery, January 22, 1918.
 Second Lieutenant George W. Pound, Reserve List, from 3d Field Artillery, January 22, 1918.
 Second Lieutenant Charles E. Kinakey, Reserve List, from 3d Field Artillery, January 22, 1918.
 Major Louis M. Greer, Reserve List, from Aide Commanding General, New York Guard, January 23, 1918.
 Second Lieutenant Carl E. Tucker, Reserve List, from 74th Infantry, January 24, 1918.
 Captain Alfred F. Hodgman, Reserve List, from 3d Infantry, January 28, 1918.
 Captain Walter A. Scott, Medical Corps, from Depot Battalion, 3d Infantry, February 7, 1918.
 Second Lieutenant Alex R. Thompson, Retired, from 9th Coast Artillery Corps, October 3, 1918.
 Lieutenant Colonel Howard C. Smith, from Inspector General Division, New York Guard, October 24, 1918.
 Captain Robert H. Wilder, Reserve List, from 9th Coast Artillery Corps, October 25, 1918.
 First Lieutenant David L. Conway, Reserve List, from 4th Ambulance Company, December 18, 1918.
- First Lieutenant F. G. Englehardt, Reserve List, from 4th Ambulance Company December 18, 1918.
 Captain Chester B. McLaughlin Jr., National Guard Reserve, from Adjutant General's Office, December 30, 1918.
 Major Harry S. Richmond, Inspector General's Department, from Adjutant General's Office, February 13, 1919.
 Captain Forbes Dunderdale, Adjutant General's Department, Adjutant General's Office, February 13, 1919.
 Major Harry S. Richmond, Inspector General's Department, Division, New York Guard, February 27, 1919.
 Captain Frank E. Davidson, Reserve List, 9th Coast Defense Corps, March 4, 1919.
 Lieutenant Colonel Frederic N. Whitley, from 2d Brigade, March 6, 1919.
 Major Frank J. Foley, National Guard Reserve, Division, March 29, 1919.
 Lieutenant Colonel James Eben, 71st Infantry, from Arsenal, October 11, 1919.
 Second Lieutenant Mauri Maffucci, Quarter Master's Corps, from Arsenal, October 11, 1919.
 Second Lieutenant George Pauli, Quarter Master's Corps, from Arsenal, October 11, 1919.
 First Lieutenant LeRoy T. Brown, Reserve List, 22d Engineers, November 26, 1919.
 First Lieutenant Lee R. Muckenfuss, Reserve List, 22d Engineers, November 26, 1919.
 First Lieutenant Robert L. Schuyler, Reserve List, 22d Engineers, November 26, 1919.
 First Lieutenant Warren C. Fielding, Reserve List, from 22d Engineers, November 26, 1919.
 Second Lieutenant Robert L. Baxter, Reserve List, from 22d Engineers, November 26, 1919.

Relieved — Concluded

Second Lieutenant Charles F. Denison, Reserve List, from 22d Engineers, November 26, 1919.
 Second Lieutenant Mortimer Bishop, Reserve List, from 22d Engineers, November 26, 1919.
 Captain Charles C. Tough, Reserve List, from 22d Engineers, December 2, 1919.
 Second Lieutenant Harold W. Linn, Reserve List, from 14th Infantry, December 9, 1919.

Captain John I. McWilliams, Quarter Master's Corps, from Inspections, December 10, 1919.
 Captain LeRoy J. Skinner, 3d Infantry, from Company F, December 15, 1919.
 Major Joseph W. Farrell, Quarter Master's Corps, from Division, December 30, 1919.

CHANGE OF ASSIGNMENT

First Lieutenant Leslie Belcher, 14th Infantry, from Company B to Battalion Adjutant, January 7, 1918.

First Lieutenant Joseph P. Healey, 69th Infantry, from Company Co. D to Co. C, January 9, 1918.

Second Lieutenant H. Gallagher, 69th Infantry, from Company A to Co. C, January 9, 1918.

Second Lieutenant James P. Egan, 1st Field Artillery, from Battery A to Battery B, January 10, 1918.

Captain Harry P. Williams, 9th Coast Artillery Corps, from 2d Company to 12th Company, January 11, 1918.

Major Henry L. Butler, from Adjutant General's Office to 3d Brigade, January 17, 1918.

Major Charles J. Lamb, from 1st Infantry to 10th Infantry, January 23, 1918.

Captain Thomas K. Norris, 3d Infantry, from Supply Company to Company N, January 29, 1918.

First Lieutenant Stuart W. Richards, 10th Infantry, from Company L to Battalion Adjutant, January 23, 1918.

First Lieutenant John L. Roehaler, 13th Coast Artillery Corps, from 10th Company to 9th Coast Artillery Corps, February 20, 1918.

First Lieutenant Sylvester A. Dineen, 69th Infantry, from Battalion Adjutant to Company M, February 20, 1918.

Second Lieutenant Patrick J. Rooney, 69th Infantry, from Company H to Company L, February 20, 1918.

Second Lieutenant A. Felix Zehren, 8th Coast Artillery Corps, from 1st Company to 8th Company, March 16, 1918.

First Lieutenant John P. Devane, 69th Infantry, from Company B to Assistant Inspector Small Arms Practice, March 18, 1918.

Second Lieutenant Elmer G. Koch, 3d Infantry, from Company H to Company G, March 21, 1918.

First Lieutenant John M. Knaph, 12th Infantry, from Company G to Company F, March 23, 1918.

First Lieutenant M. Steurer, 14th Infantry, from Battalion Adjutant to Co. B, March 26, 1918.

First Lieutenant Albert B. B. Ackerson, 22d Engineers, from Medical Corps to 8th Coast Artillery Corps, April 3, 1918.

First Lieutenant Arthur Gardner, 1st Field Artillery, from Battery A to E, April 3, 1918.

Second Lieutenant Arnold E. Peterson, 1st Field Artillery, from Battery D to Battery B, April 3, 1918.

Captain Edwin N. Appleton, 47th Infantry to 14th Infantry, April 8, 1918.

Captain Henry H. Wikel, 14th Infantry, from Inspector Small Arms Practice to Company C, April 12, 1918.

Second Lieutenant Howard Bond, 1st Field Artillery, from Battery C to Battery E, April 13, 1918.

First Lieutenant Clarence M. Beehtol, 1st Infantry, from Battalion Adjutant to Co. A, April 16, 1918.

Second Lieutenant George A. Hazel, 1st Field Artillery, from Battery D to Battery C, April 20, 1918.

Second Lieutenant Frank Greene, 2d Field Artillery, from Battery A to Supply Company, April 25, 1918.

Captain William L. Bowman, 22d Engineers, from Company L to Company K, April 27, 1918.

First Lieutenant Schuyler M. Meyer, 1st Field Artillery, from Battery C to Battery Adjutant, April 29, 1918.

Captain George Hughes, 2d Infantry, from Inspector Small Arms Practice to Company H, May 9, 1918.

First Lieutenant John B. Rushmore, 10th Infantry, from Company A to Company D, May 9, 1918.

First Lieutenant William S. Happener, 22d Engineers, from Battalion Adjutant to Assistant Inspector Small Arms Practice, May 10, 1918.

First Lieutenant Haldane A. Baumhoefer, 74th Infantry, from Battalion Adjutant to Company L, May 13, 1918.

First Lieutenant Edward S. Davis, 10th Infantry, from Company D to Battalion Adjutant, May 21, 1918.

Second Lieutenant Herbert A. Russell, 1st Field Artillery, from Battery A to Supply Company, May 25, 1918.

Second Lieutenant Henry C. Foster, 1st Field Artillery, from Battery A to Battery C, May 25, 1918.

Second Lieutenant Arthur C. Stoney, 1st Field Artillery, from Battery B to Battery E, May 25, 1918.

Second Lieutenant Marcel Steinburgge, 1st Field Artillery, from Battery C to Battery A, May 25, 1918.

Second Lieutenant Charles E. Keegan, 2d Field Artillery, from Battery F to Battery E, June 5, 1918.

Captain Stuart S. Hathaway, 1st Field Artillery, from Adjutant to Inspector Small Arms Practice, June 6, 1918.

Captain Francis G. Hubbard, 1st Field Artillery, from Inspector Small Arms Practice to Adjutant, June 6, 1918.

First Lieutenant Schuyler M. Meyer, 1st Field Artillery, from Battalion Adjutant to Battery C, June 6, 1918.

First Lieutenant Arthur C. Stoney, 1st Field Artillery, from Battery E to Battalion Adjutant, June 6, 1918.

First Lieutenant Timothy P. Mahoney, 47th Infantry, from Company B to Battalion Adjutant, June 15, 1918.

Change of Assignment — Continued

- First Lieutenant John M. Byers, 71st Infantry, from Co. L to Assistant Inspector Small Arms Practice, June 28, 1918.
- Captain Harry C. Gueas, 3d Field Artillery, from Medical Corps to 65th Infantry, July 1, 1918.
- Captain Thomas B. Loughlen, 74th Infantry, from Medical Corps to 65th Infantry, July 1, 1918.
- Captain Philip H. Courne, 74th Infantry, from Medical Corps to 65th Infantry, July 1, 1918.
- Captain Fred G. Purcell, 74th Infantry, from Medical Corps to 65th Infantry, July 1, 1918.
- First Lieutenant John J. Horgan, 3d Field Artillery, from Medical Corps to 3d Infantry, July 1, 1918.
- Second Lieutenant Louis J. Ebret, 12th Infantry, from Company D to Company C, July 2, 1918.
- Second Lieutenant Harold E. Stern, 8th Coast Artillery Corps, from 5th Company to Headquarters, July 8, 1918.
- Second Lieutenant Harry S. Bandler, 22d Engineers, from Company I to Company B, July 17, 1918.
- Second Lieutenant Herbert L. Russell, 1st Field Artillery, from Supply Company to Company E, July 19, 1918.
- First Lieutenant Henry E. Crawford, 9th Coast Artillery Corps, from Battalion Adjutant to 7th Company, July 26, 1918.
- First Lieutenant John T. Tower, 1st Infantry, from Machine Gun to Company C, July 27, 1918.
- Captain Stewart S. Hathaway, 1st Field Artillery, from Headquarters Company to Machine Gun Company, July 29, 1918.
- First Lieutenant Mitchell P. Talmage, 1st Field Artillery, from Battery A to Machine Gun Company, July 29, 1918.
- Second Lieutenant James T. Acker, 1st Field Artillery, from Battery C to Machine Gun Company, July 29, 1918.
- Second Lieutenant Demos Tsaonias, 1st Field Artillery, from Battery F to Machine Gun Company, July 29, 1918.
- Second Lieutenant John R. Cornwall, 1st Field Artillery, from Battery A to Supply Company, August 29, 1918.
- Second Lieutenant Wm. C. D. Glaser, 8th Coast Artillery Corps, from Supply Company to 13th Company, August 29, 1918.
- First Lieutenant Wm. Chapman, 1st Field Artillery, from Battery B to Battery A, September 14, 1918.
- Second Lieutenant Aurelien R. Richard, 1st Field Artillery, from Battery A to Battery D, September 14, 1918.
- First Lieutenant Alden P. Blodget, 1st Field Artillery, from Machine Gun Battery to Headquarters, September 23, 1918.
- First Lieutenant Wm. Chapman, 1st Field Artillery, from Battery A to Supply, September 23, 1918.
- Second Lieutenant Aurelien R. Richard, 1st Field Artillery, from Battery D to Battery C, September 23, 1918.
- Second Lieutenant Cornelius S. Pinkney, 1st Field Artillery, from Battery B to Battery E, September 23, 1918.
- First Lieutenant Alden P. Blodget, 1st Field Artillery, from Headquarters Company to Battery D, October 1, 1918.
- Second Lieutenant, Hans F. Hofer, 71st Infantry, from Company D to Company C, October 1, 1918.
- Captain Merritt W. Barnum, 1st Field Hospital, from Medical Corps to 3d Ambulance Company, October 2, 1918.
- First Lieutenant John J. Horgan, 3d Infantry, from Medical Corps to 71st Infantry, October 25, 1918.
- First Lieutenant Charles A. Bruce, from 4th Infantry to 12th Infantry, November 2, 1918.
- Captain Edward C. Brenner, 1st Field Hospital, from Medical Corps to Squadron A, November 13, 1918.
- First Lieutenant George H. Smith, from 14th Infantry to Assistant Inspector Small Arms Practice, November 13th, 1918.
- First Lieutenant Harry L. Spence, 13th Coast Artillery Corps to Battalion Adjutant, 12th Company, November 13, 1918.
- First Lieutenant George M. Wilde, 13th Coast Artillery Corps, Battalion Adjutant to 4th Company, November 13, 1918.
- First Lieutenant William E. Lowther, 9th Coast Artillery Corps, from 4th Company to 2d Company, November 16, 1918.
- First Lieutenant Alden S. Blodget, 1st Field Artillery, from Battery D to Battery E, November 20, 1918.
- First Lieutenant Charles A. Bierbauer, 22d Engineers, from Company I to Battalion Adjutant, November 23, 1918.
- First Lieutenant Paul R. Stillman, 71st Infantry, from Defense Corps to Field Hospital, November 25, 1918.
- First Lieutenant William C. Chapman, 1st Field Artillery, from Supply Company to Headquarters, December 4, 1918.
- First Lieutenant Julius C. Lorenansen, 1st Field Artillery, from Battery B to Supply Company, December 4, 1918.
- Second Lieutenant Bernard Scharlin, 1st Field Artillery, from Battery F to Battery A, December 4, 1918.
- Second Lieutenant Effingham N. Lawrence, 1st Field Artillery, from Battery D to Battery B, December 4, 1918.
- First Lieutenant Aurelien Richard, 1st Field Artillery, from Battery E to Battery C, December 4, 1918.
- Second Lieutenant Cornelius S. Pinkney, 1st Field Artillery, from Battery E to Battery C, December 4, 1918.
- Second Lieutenant Edward M. Sedgwick, 1st Field Artillery, from Battery A to Battery D, December 4, 1918.
- Second Lieutenant Herbert L. Wheeler, 1st Field Artillery, from Battery C to Battery E, December 4, 1918.
- Second Lieutenant Arthur V. Lyall, 1st Field Artillery, from Battery C to Battery F, December 4, 1918.
- Second Lieutenant Ernest W. Keyser, 12th Infantry, from Machine Gun Company to Company G, December 4, 1918.
- Lieutenant Colonel Howard C. Smith, Acting Chief of Staff to Inspector General, N. Y. G., December 6, 1918.
- Major Louis C. Trimble, Inspector General, to Assistant Inspector General, December 6, 1918.
- Lieutenant Colonel Charles J. Ahern, from Reserve List Adjutant General, 1st Brigade to Chief of Staff Division, December 6, 1918.
- First Lieutenant William F. Cook, 4th Infantry, from Company A to Company B, Adjutant General, December 7, 1918.
- First Lieutenant George H. Smith, 14th Infantry, from Company G to Company E, December 16, 1918.
- Second Lieutenant Rexford W. Titus, 4th Infantry, from Supply Company to Company G, December 26, 1918.
- Second Lieutenant Gilbert Stoutenburgh, 14th Infantry, from Company F to Company B, December 27, 1918.

Change of assignment—(Continued)

- Second Lieutenant Edgar J. Rodgers, 14th Infantry, from Company B to Company I, December 27, 1918.
- Second Lieutenant Arthur V. Lyall, 1st Field Artillery, from Battery F to Battery D, December 28, 1918.
- Second Lieutenant Henry C. Foster, 1st Field Artillery, from Battery B to Battery A, January 23, 1918.
- Second Lieutenant, George Roberts, 1st Field Artillery from Battery A to Battery F, January 23, 1918.
- Captain John G. Bates, 71st Infantry, Company M to Company D, January 10, 1919.
- First Lieutenant Chauncey S. Case, 12th Infantry, Company A to Company B, January 24, 1919.
- First Lieutenant Edward J. Murphy, 12th Infantry, Machine Gun to Company A, January 24, 1919.
- Captain Joseph G. Hardmyer, 13th Coast Defense Command, Supply Company to 5th Company, January 28, 1919.
- Captain James P. Egan, 1st Field Artillery, Supply Company to Adjutant, January 30, 1919.
- Captain Henry F. Haynes, 1st Field Artillery, Adjutant to Supply Company, January 30, 1919.
- Second Lieutenant Harry W. K. Miller, 74th Infantry, Supply Company to Company A, February 10, 1919.
- Second Lieutenant Peter L. Menninger, 13th Coast Defense Command, 10th Company to 9th Company, February 10, 1919.
- First Lieutenant Frost M. Wheeler, 7th Infantry, Battalion Adjutant to Company E., February 11, 1919.
- First Lieutenant William E. G. Gillard, 71st Infantry, Company I to Battalion Adjutant, February 17, 1919.
- First Lieutenant Samuel C. Disbrow, 71st Infantry, Company G to Company I, February 17, 1919.
- Second Lieutenant Robert Sedgwick, 9th Coast Defense Command, 11th Company to Headquarters, February 25, 1919.
- Captain Louis Watien, 9th Coast Defense Command, 1st Company to Adjutant, March 4, 1919.
- Captain Frederick D. Wendel, 12th Infantry, Company A to Company E, March 4, 1919.
- First Lieutenant Edmund H. Burke, 15th Infantry, Musician to Battalion Adjutant, March 8, 1919.
- First Lieutenant Wilfred F. Basil, 15th Infantry, Battalion Adjutant to Company G, March 4, 1919.
- First Lieutenant Ernest E. Malcolm, 12th Infantry, Aide Division to Company C, March 8, 1919.
- First Lieutenant Lester D. Stickler, 71st Infantry, Machine Gun Company to Company D, April 3, 1919.
- First Lieutenant Charles F. LaTour, 69th Infantry, Machine Gun Company to Battalion Adjutant, April 4, 1919.
- Second Lieutenant Albert L. George, 71st Infantry, Company I to Company M, April 8, 1919.
- First Lieutenant Daniel M. McKenna, 10th Infantry, Company H to Battalion Adjutant, April 28, 1919.
- Second Lieutenant Herman S. Murray, 12th Infantry, Company A to Company K, April 30, 1919.
- Second Lieutenant, Cornelius S. Pinkney, 1st Field Artillery, Battery C to Battery A, April 30, 1919.
- Captain Virgil H. Parks, 15th Infantry, Company C to Company A, June 16, 1919.
- Captain Frank R. Chisholm, 15th Infantry, Company C to Company I, June 16, 1919.
- First Lieutenant Wilfred F. Basil, 15th Infantry, Company G to Unassigned, June 16, 1919.
- Second Lieutenant Louis A. Snyder, 1st Field Artillery, Machine Gun Company to Company M, June 16, 1919.
- Second Lieutenant Leonard P. Botting, 13th Coast Defense Command, Machine Gun Company to 9th Company, June 21, 1919.
- First Lieutenant Theodore Carter, 13th Coast Defense Command, 1st Company to Battalion Adjutant, June 21, 1919.
- Captain George W. Harris, 15th Infantry, Company B to Inspector Small Arms Practice, June 23, 1919.
- First Lieutenant Edward L. Richards, 15th Infantry, Company A to Unassigned, June 26, 1919.
- Second Lieutenant Walter F. Hagen, 22d Engineers, Company A to Company F, June 26, 1919.
- First Lieutenant Leon J. Weil, 1st Field Artillery, Company B to Headquarters, June 28, 1919.
- Captain Malcolm E. Baxter, 47th Infantry, Company H to Company B, July 7, 1919.
- First Lieutenant Frank Sturken, 1st Field Artillery, Battery A to Supply Company July 7, 1919.
- First Lieutenant Edward J. Reilly, 47th Infantry, Company E to Company A, July 7, 1919.
- First Lieutenant Charles P. Holderber, 71st Infantry, Battalion Adjutant to Machine Gun Company, July 11, 1919.
- First Lieutenant Gabriel S. Kirowits, 1st Field Artillery, Battery C to Battery F, July 14, 1919.
- Major Frank A. Spencer Jr, 2d Field Artillery 2d Battalion to 1st Battalion, July 23, 1919.
- Captain Arthur W. Hoffman, 1st Field Artillery, Battalion Adjutant to Battery E, July 30, 1919.
- Second Lieutenant Charles G. Duffy, 71st Infantry, Company K to Machine Gun Company, July 30, 1919.
- Captain William J. Dunne, 13th Coast Defense Command, 7th Company to 9th Company, August 1, 1919.
- First Lieutenant Ferdinand W. Miller, 10th Infantry, Supply Company to Company H, August 1, 1919.
- Second Lieutenant James F. Taylor, 10th Infantry, Supply Company to Company H, August 1, 1919.
- First Lieutenant Harold H. Lindner, 47th Infantry, Company H to Company B, August 4, 1919.
- Captain Walter F. Hegeman, 1st Field Artillery, Battery F to Battery D, August 7, 1919.
- Second Lieutenant Elias Silver, 47th Infantry, Company H to Company B, August 7, 1919.
- Second Lieutenant William C. Striffler, 1st Field Artillery, Battery B to Battery E, August 13, 1919.
- Captain Matthew J. A. Wilson, 14th Infantry, Supply Company to Company C, August 15, 1919.
- First Lieutenant Earl B. Pullis, 13th Coast Defense Command, 7th Company to 9th Company, August 21, 1919.
- Captain Claude W. Boynton, 71st Infantry, Company B to Supply Company, August 25, 1919.

Change of assignment — Continued

- Captain Henry M. Hall, 71st Infantry, Company A to Inspector Small Arms Practice, August 25, 1919.
- First Lieutenant John A. H. Prum, 71st Infantry, Company A to Company F, August 25, 1919.
- Second Lieutenant Howard P. Rockey, 71st Infantry, Company A to Company F, August 25, 1919.
- Second Lieutenant Spencer J. Estey, 23d Infantry, Company G to Company A, August 27, 1919.
- Captain William A. Cunningham, 13th Coast Defense Command, 6th Company to Headquarters, August 28, 1919.
- First Lieutenant Charles M. Scheiterle, 65th Infantry to 74th Infantry, August 28, 1919.
- Second Lieutenant Harry J. Holroyd, 65th Infantry to 74th Infantry, August 28, 1919.
- Major William G. Bissell, Medical Corps, 65th Infantry to 65th Field Artillery, August 29, 1919.
- Captain Franklin C. Gram, Medical Corps, 65th Infantry to 65th Field Artillery, August 30, 1919.
- First Lieutenant Earl B. Puls, 13th Coast Defense Command, 9th Company to 11th Company, September 8, 1919.
- Second Lieutenant Harry S. Morrison, 47th Infantry, Company L to Company C, September 8, 1919.
- Second Lieutenant Ira P. MacNair, 13th Coast Defense Command, 4th Company to 8th Company, September 10, 1919.
- First Lieutenant John N. Braden, 71st Infantry, Company H to Machine Gun Company, September 17, 1919.
- Second Lieutenant Samuel S. Sibbs, Jr., 14th Infantry, Company B to Company H, September 19, 1919.
- Second Lieutenant Fred M. Schilling, 1st Field Artillery, Battery E to Battery F, September 20, 1919.
- First Lieutenant Frederick W. Marquand, 14th Infantry, Battalion Adjutant to Assistant Inspector Small Arms Practice, October 1, 1919.
- Captain John E. White, 5th Battalion, Medical Corps to 3d Infantry, October 8, 1919.
- First Lieutenant Daniel F. Serr, 13th Coast Defense Command, Unassigned to Assistant Adjutant, October 17, 1919.
- First Lieutenant Robert M. Purcell, 13th Coast Defense Command, 4th Company to 1st Company, October 20, 1919.
- Second Lieutenant Herbert S. Rucker, 13th Coast Defense Command, 4th Company to 3d Company, October 20, 1919.
- Second Lieutenant Frederik B. George, 13th Coast Defense Command, 11th Company to 10th Company, October 20, 1919.
- Captain George Hughes, 2d Infantry, Company H to Company M, October 22, 1919.
- Captain Thomas F. Brown, 2d Infantry, Company E to Company H, October 22, 1919.
- Captain Arthur T. Smith, R. L., 3d Infantry, Company A to Machine Gun Company, November 3, 1919.
- Captain Griswold B. Daniell, 7th Infantry, Company H to Company K, November 10, 1919.
- Captain Ralph P. Buell, 7th Infantry, Company C to Company I, November 10, 1919.
- Captain Franklin J. Herriek, 4th Infantry, Company G to Machine Gun Company, November 10, 1919.
- Captain Arthur W. Hofmann, 1st Field Artillery, Battery E to Battery F, November 11, 1919.
- Captain Ernest L. Miller, 1st Cavalry, Troop B to Inspector Small Arms Practice, November 13, 1919.
- First Lieutenant Clyde R. Hunt, 14th Infantry, Battalion Adjutant 1st to 3d, November 15, 1919.
- First Lieutenant Sanderson W. Hays, 14th Infantry, Company H to Battalion Adjutant, November 15, 1919.
- Second Lieutenant Arthur W. Pashley, 13th Coast Defense Command, 9th Company to 6th Company, November 21, 1919.
- First Lieutenant Earl B. Puls, 13th Coast Defense Command, 11th Company to 10th Company, November 21, 1919.
- Second Lieutenant Robert L. Orswalt, 13th Coast Defense Command, Unassigned to 12th Company, November 21, 1919.
- First Lieutenant Frank B. Corry, 3d Infantry, Company E to Machine Gun Company, November 21, 1919.
- Second Lieutenant Samuel S. Sibbs, 14th Infantry, Company H to Machine Gun Company, November 29, 1919.
- Second Lieutenant Murray J. Framan, 14th Infantry, Machine Gun Company to Company H, November 29, 1919.
- First Lieutenant Gabriel S. Kirowitz, 1st Field Artillery, Battery F to Battery B, November 29, 1919.
- Captain William C. G. Wahle, 13th Coast Defense Command, 6th Company to 12th Company, December 1, 1919.
- Major Joseph A. S. Mundy, Ordnance Department, Div to Staff Corps and Departments, December 2, 1919.
- Second Lieutenant Harold C. Finn, 47th Infantry, Company A to Company H, December 3, 1919.
- First Lieutenant Edward F. Redmond, 8th Coast Defense Command, 34th Company to 36th Company, December 9, 1919.
- First Lieutenant Robert Livingston, 8th Coast Defense Command, 33d Company to 29th Company, December 9, 1919.
- First Lieutenant Clarence E. Doll, 8th Coast Defense Command, 30th Company to 33d Company, December 9, 1919.
- First Lieutenant Howard S. Hadden, 23d Infantry, Machine Gun Company to Assistant Inspector Small Arms Practice, December 10, 1919.
- First Lieutenant Arthur P. Clark, 47th Infantry, Company E to Company A, December 11, 1919.
- Second Lieutenant Albert E. Patterson, 13th Coast Defense Command, 4th Company to 7th Company, December 13, 1919.
- Captain Robert H. Brooks, 4th Infantry, Company G to Adjutant, December 15, 1919.
- First Lieutenant Rexford W. Titus, 4th Infantry, Company G to Machine Gun Company, December 15, 1919.
- Second Lieutenant Oliver W. Barnes, 4th Infantry, Company G, to Machine Gun Company, December 15, 1919.
- First Lieutenant Stewart L. Newing, 4th Infantry, Battalion Adjutant, Company G, December 15, 1919.
- Second Lieutenant Morris D. Ainslee, 4th Infantry, Company H to Company G, December 15, 1919.
- First Lieutenant Timothy E. Bruce, 2d Infantry, Unassigned to Company D, December 19, 1919.
- First Lieutenant Thomas J. Connor, 2d Infantry, Unassigned to Company I, December 19, 1919.

Change of assignment — Concluded

First Lieutenant John K. Beardsley, 2d Infantry, Unassigned to Company L, December 19, 1919.
 Second Lieutenant William B. Davidson, 2d Infantry, Unassigned to Company L, December 19, 1919.
 Captain Peter F. Burns, 22d Engineers, 22d Engineers to Engineer Train, December 30, 1919.

Captain Arthur T. Smith, 3d Infantry, Machine Gun Company to Company A, December 31, 1919.
 Captain August C. Betz, 31 Infantry, Company A to Machine Gun Company, December 31, 1919.

CASUALTIES

FULL AND HONORABLE DISCHARGE]

Brigadier General

Charles H. Sherrill, The Adjutant General, September 19, 1918.

Colonels

William S. Terriberry, Medical Corps, N. G. N. Y., February 28, 1918.
 Charles H. Hitchcock, N. G. R., July 11, 1918.
 Henry R. Winthrop, 12th Infantry, October 4, 1918.
 DeWitt Clinton Falls, 7th Infantry, November 1, 1918.
 Archie B. Quarrier, 12th Infantry, November 1, 1918.
 Charles J. Ahern, A. G. D., January 3, 1919.
 Howard K. Brown, 3d Infantry, March 6, 1919.
 Clarence W. Smith, 13th C. D. C., September 13, 1919.

Lieutenant Colonels

Frank Dean, Coast Artillery Corps, July 19, 1918.
 Edward V. Howard, N. G. R., September 23, 1918.
 Reginald H. Sayre, Medical Corps, October 22, 1918.
 Alex. McL. Jackson, 2d Infantry, July 31, 1919.
 Wilbur Van Duyn, 3d Infantry, August 21, 1919.
 Charles J. Ahern, N. G. R., September 4, 1919.
 Edwin A. Strong, 12th Infantry, September 24, 1919.
 Thomas H. Shanton, Reserve List, December 12, 1919.

Majors

Walter B. Porter, Reserve List, February 21, 1918.
 Joseph A. Cox, Medical Corps M. G., N. Y. February 23, 1918.
 Francis P. Stoddard, Jr., 9th Coast Artillery Corps, April 16, 1918.
 Herbert Barry, Squadron D, April 17, 1918.
 Henry W. Brendel, 3d Field Artillery, May 21, 1918.
 Cornelius D. Van Wagener, Medical Corps, June 18, 1918.
 John F. Ranges, 71st Infantry, September 18, 1918.
 Maurice S. Damon, Squadron D, September 25, 1918.
 Carl H. Breed, Quartermaster Corps, October 4, 1918.
 Charles F. Nugent, 8th Coast Artillery Corps, October 11, 1918.
 Samuel A. Brown, Medical Corps, October 11, 1918.
 William H. Robinson, 14th Infantry, October 11, 1918.
 William F. Wheelock, 10th Infantry, October 11, 1918.
 Charles G. Moses, 22d Engineers, November 1 1918.

Albert T. Weston, Medical Corps, Reserve List, December 16, 1918.
 Frederick W. Hyde, 65th Infantry, December 26, 1918.
 Frank J. Foley, Quartermaster Corps, January 10, 1919.
 Patrick S. MacDwyer, 13th Coast Defense Command, January 24, 1919.
 James C. Setright, 3d Infantry, February 10, 1919.
 Francis G. Landon, National Guard Reserve (as of August 16, 1918), February 24, 1919.
 Thomas C. Buck, 12th Infantry, April 16, 1919.
 Seymour P. White, Inspector General Department, April 18, 1919.
 Edwin Gould, Ordnance Department, May 13, 1919.
 Albert T. Johnston, 47th Infantry, May 13, 1919.
 Ethelbert Green, 23d Infantry, August 11, 1919.
 James R. Stewart, 7th Infantry, October 8, 1919.
 George F. Mahon, Reserve List, October 30, 1919.
 Clifford F. Lamont, 23d Infantry, October 30 1919.

Captains

Rupert Hughes, Reserve List, January 2, 1918.
 William T. Doane, 3d Field Artillery, January 4, 1918.
 Alvan W. Perry, Reserve List, February 9, 1918.
 Joseph J. Kingsbury, Reserve List, February 19, 1918.

Francis H. Hesseels, 8th Coast Artillery Command, May 10, 1918.
 Benedict Gifford, Reserve List, May 21, 1918.
 John M. Thompson, 8th Coast Artillery Command, May 28, 1918.
 Edwin M. Leask, 7th Infantry, June 11, 1918.
 Edward M. Dillon, Reserve List, June 10, 1918.

Casualties — Continued

Captains — Continued

James Lynch, 69th Infantry, June 6, 1918.
 Joseph M. Gwinner, 65th Infantry, July 23, 1918.
 John F. Kerwin, National Guard Reserve, July 23, 1918.
 Harry R. Burt, 7th Infantry, July 9, 1918.
 Ralph A. Kluge, 12th Infantry, July 5, 1918.
 William D. Walker, 23d Infantry, August 2, 1918.
 Henry E. Holt, National Guard Reserve, August 3, 1918.
 Frederick H. Plumb, 3d Infantry, August 9, 1918.
 Eugene Kelly, 22d Engineers, August 13, 1918.
 Dumont C. Mills, 23d Infantry, September 5, 1918.
 Stewart S. Hathaway, 1st Field Artillery, September 10, 1918.
 William B. Miles, 7th Infantry, September 11, 1918.
 Henry R. Berning, 22d Engineers, September 13, 1918.
 Philip J. Steer, 14th Infantry, September 18, 1918.
 A. B. Churchill, Squadron B, September 26, 1918.
 Frederick W. Hoeninghans, 12th Infantry, October 4, 1918.
 Lawrence C. Donovan, Inspector General Department, October 8, 1918.
 Rudolph V. Gorsch, Medical Corp, October 11, 1918.
 Patrick J. Walsh, 22d Engineers, October 11, 1918.
 James P. Trotter, Medical Corps, October 11, 1918.
 John W. Elmer, 69th Infantry, October 22, 1918.
 Otis S. Carroll, First Signal Corps, November 1, 1918.
 Harrie Burdge, 8th Coast Artillery Corps, November 1, 1918.
 James F. Swartwout, Jr., 2d Infantry, November 1, 1918.
 Arthur B. Chase, 71st Infantry, November 6, 1918.
 John T. C. Waters, 23d Infantry, November 20, 1918.
 Ernest T. Van Zandt, 12th Infantry, November 25, 1918.
 Albert E. Downes, 71st Infantry, November 25, 1918.
 James Wotherspoon, 7th Infantry, November 27, 1918.
 Henry W. Wilson, 7th Infantry, November 27, 1918.
 Clarence E. Newman, Reserve List, November 28, 1918.
 Frederick T. Slack, 47th Infantry, December 4, 1918.
 Oswald W. Uhl, 7th Infantry, December 18, 1918.
 William F. Wall, 7th Infantry, January 10, 1919.
 Clarence Mills, 13th Coast Defense Corps, January 22, 1919.

John W. Slawson, 8th Coast Defense Corps, February 27, 1919.
 Jesse A. B. Smith, 7th Infantry, March 28, 1919.
 Edward C. Robinson, 7th Infantry, March 28, 1919.
 Samuel H. Foster, 2d Infantry, April 18, 1919.
 John N. Snider, 8th Coast Defense Corps, April 23, 1919.
 Frederick M. Chapin, 65th Field Artillery, May 5, 1919.
 James C. Roberts, 74th Infantry, May 6, 1919.
 Arthur E. Connor, 10th Infantry, May 10, 1919.
 Thomas T. Bates, Squadron A, May 13, 1919.
 Fred E. Scharf, 4th Infantry, May 15, 1919.
 Eliot Bishop, Medical corps, 2d Field Artillery, May 19, 1919.
 Francis D. Clark, 7th Infantry, May 23, 1919.
 Fred W. Plank, 3d Infantry, June 4, 1919.
 Harry R. Kidney, 3d Infantry, June 4, 1919.
 Louis V. Ennis, 7th Infantry, June 9, 1919.
 Seth B. Dewey, 1st Cavalry, June 13, 1919.
 Frederick J. Koch, 1st Field Artillery, June 20, 1919.
 John H. Blume, 14th Infantry, June 26, 1919.
 Leonard H. Smith, 23d Infantry, July 8, 1919.
 Simon J. McCarty, 47th Infantry, July 10, 1919.
 Arthur L. L. Martin, 14th Infantry, August 4, 1919.
 Melton D. Cole, Squadron A, August 11, 1919.
 Ansley W. Sawyer, 74th Infantry, August 11, 1919.
 George F. Hawkins, 7th Infantry, August 13, 1919.
 William Orcutt, 4th Infantry, August 15, 1919.
 Clifford M. Marsh, 2d Infantry, August 19, 1919.
 Leslie A. Oliver, 7th Infantry, October 8, 1919.
 Willard C. Candee, 23d Infantry, October 11, 1919.
 William A. Cunningham, 13th Coast Defense Corps, October 11, 1919.
 Alphonse W. Weiner, 2 Field Artillery, October 29, 1919.
 Hugh Daisell, Reserve List, October 30, 1919.
 Andrew B. Gillilan, Infantry, November 5, 1919.
 Arthur W. Rositer, 23d Infantry, November 14, 1919.
 Chauncey A. Pierce, 23d Infantry, November 21, 1919.
 Thomas A. Buys, 2d Field Artillery, November 28, 1919.
 Edward L. Brennan, 2d Field Artillery, November 28, 1919.
 George R. Ludlow, 8th Coast Defense Corps, November 29, 1919.
 Charles A. Hickey, 69th Infantry, December 2, 1919.
 Thomas B. Loughlen, Medical Corps, 74th Infantry, December 3, 1919.
 Philip Stauderman, 23d Infantry, December 18, 1919.
 Edgar Kenny, 7th Infantry, December 18, 1919.
 William T. Getman, Medical Corps, December 26, 1919.

First Lieutenants

Gerard B. Hoppin, Depot Squadron B, February 1, 1919.
 Eugene V. Downey, 13th Coast Artillery Corps, June 11, 1918.
 John H. Callaghan, 69th Infantry, June 6, 1918.
 Charles F. Stanton, 3d Infantry, July 23, 1918.
 Charles C. Kelly, 1st Infantry, July 8, 1918.
 Harlos S. Chaffee, 74th Infantry, August 2, 1918.

L. Roberts Walton, National Guard Reserve, August 26, 1918.
 Edward L. Martin, 14th Infantry, September 18, 1918.
 Claude J. Stearns, 13th Coast Artillery Corps, September 18, 1918.
 John A. Beaver, 7th Infantry, September 26, 1918.
 Robert S. Gibson, 74th Infantry, October 4, 1918.

Casualties — Continued

First Lieutenants — Continued

Cyril R. Hustis, 23d Infantry, October 23, 1918.
 John Noble Snider, 8th Coast Artillery Corps, November 1, 1918.
 William H. Young, 9th Coast Artillery Corps, November 1, 1918.
 Walter D. Pinkus, 1st Field Artillery, November 8, 1918.
 Gordon H. Grant, 7th Infantry, November 14, 1918.
 Carroll M. Stetson, 8th Coast Artillery Corps, December 4, 1918.
 Grover C. Weed, 3d Infantry, December 17, 1918.
 Alden S. Blodget, 1st Field Artillery, January 22, 1919.
 Joseph M. Fowler, 1st Infantry, February 7, 1919.
 Walter F. Darby, 69th Infantry, February 27, 1919.
 Harry W. Martin, 7th Infantry, Feb. 27, 1919.
 Edward S. Davis, 10th Infantry, March 1, 1919.
 Harry P. Robbins, 12th Infantry, March 3, 1919.
 Leslie W. May, 7th Infantry, March 28, 1919.
 Bert C. Sheppard, 74th Infantry, April 3, 1919.
 Harold C. Fryer, 7th Infantry, April 16, 1919.
 William P. Buckner, 71st Infantry, April 16, 1919.
 William P. Hennessey, 3d Infantry, April 23, 1919.
 Richard H. Vose, 14th Infantry, April 23, 1919.
 Stuart W. Richards, 10th Infantry, May 3, 1919.

William A. Garcia, 4th Infantry, June 28, 1919.
 John F. Faber, 1st Signal Corps, July 12, 1919.
 John R. Miller, 23d Infantry, August 11, 1919.
 Rollin S. Saltus, Squadron A, August 11, 1919.
 Francis S. Macomber, 1st Cavalry, August 23, 1919.
 Louis D. Janne, Reserve List, September 17, 1919.
 Frost Haviland, 1st Cavalry, October 4, 1919.
 Herman A. Van Brakle, 2d Field Artillery, October 29, 1919.
 Henry S. Conover, 23d Infantry, October 30, 1919.
 Hubert S. Wynkoop, 23d Infantry, October 30, 1919.
 Graham Witschief, Infantry, November 7, 1919.
 George O. Thorp, 1st Field Artillery, November 8, 1919.
 George C. Bodman, Squadron A, November 15, 1919.
 John W. MacEnroe, 13th Coast Defense Corps, (New York National Guard), November 28, 1919.
 Casper W. Hahnel, 8th Coast Defense Corps, November 29, 1919.
 James M. Ross, 13th Coast Defense Corps, (New York National Guard), December 4, 1919.
 Fred Genereux, 3d Infantry, December 31, 1919.

Second Lieutenants

Charles E. Kinsky, Reserve List, August 3, 1918.
 Thomas Wilson, Quarter Master's Corps, New York National Guard, February 25, 1918.
 Donald S. Brown, 74th Infantry, May 23, 1918.
 Eugene J. Seeman, 23d Infantry, June 11, 1918.
 Herbert S. Camman, 7th Infantry, October 4, 1918.
 Wolcott, P. Robbins, Squadron A, October 22, 1918.
 Albert C. Benson, 14th Infantry, October 22, 1918.
 Theodore Schmerl, 15th Infantry, November 1, 1918.
 Frost M. Wheeler, 7th Infantry, November 12, 1918.
 Downes L. Russell, 1st Field Artillery, December 18, 1918.
 Harold A. Foshay, 47th Infantry, January 6, 1919.
 Rae C. Launt, 10th Infantry, January 11, 1919.
 Isaac H. Jenney, Squadron A, Jan. 24, 1919.
 Charles L. Moore, 2d Infantry, January 27, 1919.

Clifford P. Servatius, Squadron D, February 7, 1919.
 Howard C. Nixon, 7th Infantry, April 13, 1919.
 James F. Levens, 7th Infantry, May 13, 1919.
 Edward M. Smith, 2d Infantry, June 26, 1919.
 Frederick W. Wilson, 1st Infantry, July 9, 1919.
 Robert R. Miller, 47th Infantry, July 17, 1919.
 Guy O. Carleton, 7th Infantry, September 12, 1919.
 Spencer J. Estey, 23d Infantry, September 20, 1919.
 Edward M. Cary, Squadron A, October 20, 1919.
 Millar W. Sells, 74th Infantry, October 22, 1919.
 Huntington Downer, 1st Cavalry, October 24, 1919.
 Frederick B. George, 13th Coast Defense Corps, October 27, 1919.
 Harry Vinton, Infantry, November 7, 1919.
 Frank P. Ranny, Jr., 69th Infantry, November 8, 1919.
 Harry S. Morrison, 47th Infantry, December 4, 1919.

HONORABLY DISCHARGED

Brigadier General

Lewis W. Stotesbury, Reserve List, March 13, 1918.

Colonels

Thomas Denny, 12th Infantry, January 24, 1918.
 John R. Delafield, 9th Coast Artillery Corps, September 25, 1918.
 Michael Friedsam, Aide Governor, December 19, 1918.
 Arthur F. Townsend, National Guard Reserve, March 12, 1919.
 Jackson A. Dykman, Judge Advocate General's Department, May 20, 1919.

Lieutenant Colonel

John G. Bates, 71st Infantry, November 1, 1918.

Honorably Discharged — Continued

Majors

W. Tyron Romaine, Reserve List, May 11, 1918.
 Thew Wright, Medical Corps, May 13, 1918.
 William M. Ford, National Guard Reserve, May 23, 1918.
 Frederick M. Crossett, Reserve List, May 31, 1918.
 Joseph C. DeVries, Medical Corps, July 17, 1918.
 Chauncey W. Grove, Medical Corps, July 30, 1918.

Almuth C. Vandiver, Ordnance Department, October 11, 1918.
 William F. McKenna, Medical Corps, 14th Infantry, February 20, 1919.
 James E. Hewes, 10th Infantry, May 3, 1919.
 Vertner Tandy, 15th Infantry, May 23, 1919.
 Gustav J. E. Tieck, Reserve List, December 4, 1919.
 Joseph P. Dineen, 69th Infantry, December 26, 1919.

Captains

J. Seymour Brainard, 3d Infantry, January 3, 1918.
 Henry B. Graves, Reserve List, January 8, 1918.
 John A. F. Schwarte, 2d Infantry, January 15, 1918.
 Edwin D. Graft, Reserve List, January 17, 1918.
 William Baylis, Jr., 8th Coast Artillery Corps, January 24, 1918.
 Frederick D. Lockwood, Ordnance Department, February 19, 1918.
 Frederick Sparrenberger, Reserve List, February 19, 1918.
 Robert E. Heun, Reserve List, February 27, 1918.
 Michael J. Kerrigan, 47th Infantry, March 13, 1918.
 Leonard Snider, 1st Field Artillery, March 27, 1918.
 Perrin L. Babcock, Squadron B, April 3, 1918.
 John S. Klein, 14th Infantry, April 8, 1918.
 Francis X. Conlon, 69th Infantry, April 9, 1918.
 Jerome Kingsbury, Medical Corps, April 9, 1918.
 Carl H. Breed, Inspector General's Department, April 18, 1918.
 Robert L. Bigelow, 12th Infantry, April 24, 1918.
 Burdge R. MacLean Jr., Squadron C, May 3, 1918.
 J. Couper Lord, 8th Coast Artillery Corps, May 9, 1918.
 Arthur Gardner, 1st Field Artillery, May 10, 1918.
 George W. Sutton, 1st Field Artillery, May 10, 1918.
 John M. Parker, 4th Infantry, May 10, 1918.
 Steins S. Bullen, Medical Corps, May 20, 1918.
 William B. Short, 71st Infantry, May 23, 1918.
 Horace J. Mann, Medical Corps, May 27, 1918.
 August T. Morro, Reserve List, June 7, 1918.
 Joseph Novak, 1st Infantry, June 13, 1918.
 Olin W. Kelsey, 65th Infantry, June 18, 1918.
 Ford R. Purcell, 10th Infantry, June 19, 1918.
 Robert Plateau, 47th Infantry, June 25, 1918.
 Marvin Olcott, 4th Infantry, June 28, 1918.
 John M. Perry, 9th Coast Artillery Corps, June 29, 1918.
 Ralph Hastings, 5th Battalion, July 15, 1918.
 Herbert E. Sperry, Medical Corps, July 16, 1918.
 William Speidel, Reserve List, July 30, 1918.
 David H. McAlpin, 71st Infantry, July 30, 1918.
 Robert J. Bartley, Jr., 6th Battery, July 24, 1918.
 James F. Minnagh, 22d Engineers, August 2, 1918.
 Christopher L. LeVien, Reserve List, August 2, 1918.
 Elmer E. Adler, 74th Infantry, August 2, 1918.
 Francis A. Murphy, Squadron C, August 2, 1918.
 Milton Aronowits, Medical Corps, August 5, 1918.
 John B. Haden, Medical Corps, August 7, 1918.

Philip D. Tracey, 10th Infantry, August 10, 1918.
 Barrett, P. Smith, 9th Coast Artillery Corps, August 14, 1918.
 Frank C. Keil, Medical Corps, August 15, 1918.
 Robert H. McConnell, Medical Corps, August 16, 1918.
 H. Pushee Williams, 9th Coast Artillery Corps, August 23, 1918.
 John T. Harrison, 9th Coast Artillery Corps, August 23, 1918.
 Joseph A. Devlin, Medical Corps, August 26, 1918.
 John H. Kelly, 5th Battalion, August 28, 1918.
 Percy E. Barbour, Reserve List, August 29, 1918.
 Ethelbert I. Low, 9th Coast Artillery Corps, August 31, 1918.
 James P. Lawyer, 4th Infantry, September 5, 1918.
 Joseph W. Gosling, 2d Infantry, September 6, 1918.
 Frank Overton, Medical Corps, September 10, 1918.
 Archibald E. Chace, Medical Corps, September 13, 1918.
 Fred A. Deal, Medical Corps, September 18, 1918.
 Walter S. Gurnee, Quartermaster Medical Corps, October 4, 1918.
 David G. Cooper, 74th Infantry, October 4, 1918.
 Arthur H. Paine, Medical Corps, October 11, 1918.
 Roman J. Nuwer, 65th Infantry, October 11, 1918.
 James L. Cram, 7th Infantry, October 11, 1918.
 Stafford B. Smith, Medical Corps, October 22, 1918.
 Seward Erdman, Medical Corps, November 1, 1918.
 George W. Bishop, Jr., Reserve List, November 27, 1918.
 Charles R. Pierce, 3d Infantry, November 18, 1918.
 Leo C. Harte, 3d Infantry, November 18, 1918.
 Sylvester A. Dineen, 69th Infantry, November 18, 1918.
 Stephen Barker, 12th Infantry, November 20, 1918.
 Patrick Joseph Rooney, 69th Infantry, November 20, 1918.
 Prentice Kellogg, 71st Infantry, November 20, 1918.
 John S. Beckwith, 74th Infantry, November 20, 1918.
 Francis A. Adams, 22d Engineers, November 20, 1918.
 Thomas F. Galligan, 5th Battalion Infantry, November 25, 1918.
 Charles P. Roberts, Medical Corps, December 2, 1918.
 Frank C. Skinner, Medical Corps, December 5, 1918.
 Harry C. Guess, 65th Infantry, December 5, 1918.

Honorably Discharged—(Continued)

Captains—Continued

Christopher W. Brown, Medical Corps, December 13, 1918.
 Harry J. Haon, 1st Infantry, December 23, 1918.
 Ralph H. Dunning, Medical Corps, December 30, 1918.
 Hubert McDonnell, 71st Infantry, December 30, 1918.
 Edward C. Gibbs, 8th Coast Defense Command, January 6, 1919.
 Sylvester A. Dineen, 69th Infantry, January 6, 1919.
 Edward P. Field, 12th Infantry, January 21 (as of November 6, 1918).
 Augustus L. Child, Medical Corps, January 22, 1919.
 Ralph R. Ryan, Medical Corps, 71st Infantry, February 3, 1919.
 Charles W. T. Barker, 2d Infantry, February 7, 1918.
 Augustus T. Rosanno, Medical Corps, 69th Infantry, February 13, 1919.
 J. Harold Clark, Medical Corps, 14th Infantry, February 14, 1919.
 Roy W. Lindsay, Squadron C, February 21, 1919.
 Neil H. Keller, 74th Infantry, March 1, 1919.
 Lawrence Angel, Inspector Gun Department, March 11, 1919.
 William C. Cole, 4th Infantry, March 14, 1919.
 Reginald Van Wert, 12th Infantry, March 14, 1919.
 Emil A. Becker, 74th Infantry, April 3, 1919.
 Francis C. Bowne, Field Artillery, National Guard Reserve, April 7, 1919.
 Raymond M. Reid, Field Artillery, National Guard Reserve, April 12, 1919.
 Joseph A. Britt, 1st Field Artillery, April 18, 1919.
 Elmer H. Miller, Quarter Master Corps, April 22, 1919.
 Huntington Norton, 12th Infantry, April 30, 1918.
 David Asch, Quartermaster Corps, May 22, 1919.
 Edward M. Richardson, 5th Battalion, May 23, 1919.
 Richard O. Kennedy, 2d Infantry, June 6, 1919.

Oscar F. Soule, 1st Cavalry, June 18, 1919.
 Walter E. Thompson, 47th Infantry, June 20, 1919.
 George Townsend, 47th Infantry, June 28, 1919.
 Robert S. Pollock, 7th Infantry, July 24, 1919.
 Bruce S. Lachlan, 14th Infantry, August 4, 1919.
 Harry F. Haynes, 1st Field Artillery, August 11, 1919.
 George L. Rohdenburg, Medical Corps, 1st Field Hospital, September 8, 1919.
 Frank M. Van Nouhuys, 1st Cavalry, October 2, 1919.
 Hugo G. de Fritsch, 8th Coast Defense Command, October 24, 1919.
 William D. Wehrenberg, Defense Command, October 24, 1919.
 John W. Johnson, 4th Infantry, November 1, 1919.
 Samuel D. Larned, Medical Corps, 1st Cavalry, November 8, 1919.
 Edwin N. Appleton, 14th Infantry, November 13, 1919.
 Roy G. Pratt, 4th Infantry, November 15, 1919.
 John M. Nixon, 23d Infantry, November 20, 1919.
 Warren Kelly, 23d Infantry, December 4, 1919.
 Hiram E. Dewing, 12th Infantry, December 8, 1919.
 Frank M. Townley, Chaplain, 23d Infantry, December 9, 1919.
 Lyman J. Spaulding, Medical Corps, 8th Coast Defense Command, December 9, 1919.
 Arvid F. Zehren, 8th Coast Defense Command, December 9, 1919.
 Elsa W. Duke, 8th Coast Defense Command, December 15, 1919.
 Arthur S. Strang, 1st Infantry, December 17, 1919.
 Frank C. Kiel, Medical Corps, 1st Signal Corps, December 18, 1919.
 Paul R. Smith, 74th Infantry, December 20, 1919.
 Ray Armstrong, 10th Infantry, December 29, 1919.

First Lieutenants

Frank A. Perry, 74th Infantry, January 24, 1918.
 George S. Richards, Jr., Volunteer Corps, Artillery, January 24, 1918.
 Frank A. Bacon, 1st Signal Corps, February 5, 1918.
 Wilfred S. Bastine, Quartermaster Corps, National Guard, N. Y., February 6, 1918.
 Edward Lewis, 23d Infantry, February 191, 1918.
 Edgar Johnston, 10th Infantry, February 19, 1918.
 Percy G. Rouse, 1st Infantry, February 27, 1918.
 Joseph W. Davis, 13th Coast Artillery Corps, March 13, 1918.
 Walter R. Lee, Squadron C, March 14, 1918.
 Norris Orchard, Medical Corps, March 29, 1918.
 John L. Nicholans, Medical Corps, April 10, 1918.
 Hector M. MacBean, Jr., 74th Infantry, April 10, 1918.
 William W. Ransom, 10th Infantry, April 27, 1918.
 Norvin H. Green, Infantry, May 8, 1918.
 John T. Clisset, Jr., 14th Infantry, May 16, 1918.
 King Smith, 7th Infantry, May 20, 1918.

William B. Boulton, Jr., 71st Infantry, May 23, 1918.
 Charles A. Tracey, 74th Infantry, May 23, 1918.
 Jose P. Perez, 47th Infantry, May 27, 1918.
 Charles P. Rose, 3d Infantry, May 31, 1918.
 Edgar B. Parsons, 4th Infantry, May 31, 1918.
 Nelson Harding, 71st Infantry, May 31, 1918.
 William J. P. McCrystal, Reserve List, May 31, 1918.
 Joseph T. Stumpf, 47th Infantry, June 11, 1918.
 Maurice E. Serling, 71st Infantry, June 18, 1918.
 C. V. Vande Carr, 10th Infantry, June 21, 1918.
 John L. Clarke, 65th Infantry, June 25, 1918.
 Harold C. Townson, Adjutant General Department, June 28, 1918.
 Eugene Duffield, 47th Infantry, July 1, 1918.
 Francis B. Hart, Medical Corps, July 1, 1918.
 Walter E. C. Holst, 65th Infantry, July 8, 1918.
 Frank A. Hotekhiass, 1st Infantry, July 15, 1918.
 Russell Wiggins, 1st Infantry, July 18, 1918.
 Thomas B. Clark, Jr., Reserve List, July 23, 1918.
 Roderick H. Macgregor, 74th Infantry, July 27, 1918.

Honorably Discharged — (Continued)

First Lieutenants — Continued

John Patterson, 8th Coast Artillery Corps, July 29, 1918.
 Harry B. O'Brien, 6th Battalion, July 30, 1918.
 Eugene C. Murphy, Jr., Reserve List, July 31, 1918.
 Edgar B. Clerk, Troop B, July 17, 1918.
 Edward F. Murnane, 2d Infantry, August 2, 1918.
 Edgar V. Friend, Defense Command, August 7, 1918.
 John B. Rushmore, 10th Infantry, August 10, 1918.
 Roy Pier, 23d Infantry, August 15, 1918.
 Nicholas Stark, Defense Command, August 15, 1918.
 Frank B. Williams, 10th Infantry, August 20, 1918.
 Martin J. McHale, 22d Engineers, August 26, 1918.
 Clifford E. Bradish, 3d Infantry, August 30, 1918.
 Joseph Lampert, Defense Command, September 5, 1918.
 John F. Beiermerster, Medical Corps, September 6, 1918.
 William H. Schwinger, 65th Infantry, September 13, 1918.
 George E. Kent, 4th Infantry, September 26, 1918.
 Henry Giebel, 47th Infantry, September 26, 1918.
 Louis Dempsey, Quartermaster Corps, October 4, 1918.
 Granville Parker, 12th Infantry, October 4, 1918.
 J. Noble Braden, 71st Infantry, October 4, 1918.
 Dennis Caulfield, 47th Infantry, October 4, 1918.
 Stanley J. Quinn, 23d Infantry, October 4, 1918.
 John S. Burke, Inspector, Gun Department, October 11, 1918.
 Arthur Wynne, 12th Infantry, October 11, 1918.
 George W. Winans, 47th Infantry, October 11, 1918.
 Hardman P. A. Montgomery, Reserve List, October 19, 1918.
 Herbert A. Russell, 1st Field Artillery, October 22, 1918.
 George Roberts, 1st Field Artillery, October 22, 1918.
 Henry R. Barrows, 12th Infantry, October 22, 1918.
 James F. Keefe, 69th Infantry, October 22, 1918.
 William M. Crandal, 74th Infantry, October 22, 1918.
 Walter S. Goodale, Reserve List, October 22, 1918.
 Bradish Gaillard Johnson, 22d Engineers, November 1, 1918.
 John W. Hagenmiller, 22d Engineers, November 1, 1918.
 Stuart E. Hoeler, 3d Infantry, November 1, 1918.
 Woodward Babcock, 12th Infantry, November 1, 1918.
 Cornelius Hoctor, 69th Infantry, November 1, 1918.
 Lyman M. Bass, 74th Infantry, November 1, 1918.
 Richard Van Nest Gambrill, Infantry, November 1, 1918.
 George W. Brechwaldt, 23d Infantry, November 1, 1918.
 Herman Goldberg, 8th Coast Artillery Corps, November 1, 1918.
 Chalmers Dale, 71st Infantry, November 6, 1918.
 William A. Hines, 22d Engineers, November 7, 1918.
 Arthur M. Hoag, 4th Infantry, November 8, 1918.
 Lester D. Stikles, 71st Infantry, November 12, 1918.
 Walter F. Kelsey, 65th Infantry, November 14, 1918.
 George H. Ostrander, 3d Infantry, November 18, 1918.
 Robert William Lillard, 71st Infantry, November 20, 1918.
 Thomas P. McNulty, Defense Command, November 20, 1918.
 Frank P. Roberts, Medical Corps, December 2, 1918.
 Alexander B. Trowbridge, Inspector, Gun Department, December 11, 1918.
 Horace Cleveland, 71st Infantry, December 12, 1918.
 David S. Longwell, 4th Infantry, December 20, 1918.
 Godfrey Nurse, 15th Infantry, December 23, 1918.
 Gurdon M. Maynard, Squadron A, December 30, 1918.
 Galbraith P. Champlin, 74th Infantry, November 8, 1918.
 Henry P. King, 9th Coast Defense Command, January 8, 1919.
 Leo J. Osburg, 1st Field Artillery, January 14, 1919.
 William F. Smith, 23d Infantry, January 15, 1919.
 William H. Kennedy, 74th Infantry, January 27, 1919.
 George H. Smith, 14th Infantry, February 6, 1919.
 Albert C. Gilbert, Squadron D, February 7, 1919.
 Charles H. Reynolds, 47th Infantry, February 14, 1919.
 John R. Greenleaf, 22d Engineers, February 19, 1919.
 William E. Brown, 13th Coast Defense Command, February 20, 1919.
 James E. McKeon, Jr., 8th Coast Defense Corps, February 27, 1919.
 Mitchell P. Talmage, 1st Field Artillery, March 3, 1919.
 Charles W. Brock, 8th Coast Defense Command, March 3, 1919.
 Antonio C. Gonzales, Jr., National Guard Reserve, March 3, 1919.
 Edward A. Munger, 1st Signal Corps, March 14, 1919.
 Robert L. Simpson, Squadron C, March 29, 1919.
 George W. Rehm, 71st Infantry, March 26, 1919.
 Paul Malone, Infantry, (National Guard Reserve), April 7, 1919.
 Paul R. Stillman, Dental Corps, 1st Field Artillery, April 8, 1919.
 Chauncey S. Case, 12th Infantry, April 18, 1919.
 Julius C. Lorentzen, Jr., 1st Field Artillery, April 23, 1919.
 Charles J. York, 4th Infantry, April 23, 1919.
 Robert T. Givens, 15th Infantry, May 13, 1919.
 Lawrence E. Wilgus, 65th Field Artillery, May 17, 1919.
 George B. Waterhouse, 74th Infantry, May 17, 1919.
 Abner W. Cassidy, 23d Infantry, May 20, 1919.
 Harry G. Underwood, Infantry, (National Guard Reserve), May 26, 1919.
 John H. Travers, 47th Infantry, May 29, 1919.
 Frederick J. Davis, 4th Infantry, June 10, 1919.

Honorably Discharged—Continued

First Lieutenants—Continued

Henry W. Gillett, Defense Command, June 14, 1919.
 Clarence M. Bechtol, 4th Infantry, July 2, 1919.
 James P. Williams, 15th Infantry, July 11, 1919.
 Theodore Carter, 13th Coast Defense Command, July 22, 1919.
 Charles W. Woodford, 23d Infantry, July 23, 1918.
 Frank Sturken, 1st Field Artillery, July 24, 1919.
 Isadore Kallet, 47th Infantry, July 24, 1919.
 Stuart W. Smyth, 4th Infantry, September 4, 1919.
 Charles Freidgen, 1st Field Hospital, September 8, 1919.
 Patrick J. Bradley, 69th Infantry, September 12, 1919.
 Arnold C. Pouch, 12th Infantry, September 15, 1919.
 Edward J. Loughman, 69th Infantry, September 17, 1919.
 Harry K. Terhune, 23d Infantry, September 19, 1919.
 Ralph W. Earl, 8th Coast Defense Command, September 26, 1919.
 Stuyvesant Fish, Jr., 71st Infantry, September 30, 1919.
 Benedict W. Cheesman, 15th Infantry, October 22, 1919.
 Manuel J. Braaill, Defense Command, October 22, 1919.

DeWitt C. Dominick, Jr., 1st Infantry, October 24, 1919.
 Oscar F. Ehrlich, Jr., 2d Infantry, October 24, 1919.
 Otis D. Eaton, 4th Infantry, November 1, 1919.
 Ernest Gluck, Defense Command 1st Field Hospital, November 8, 1919.
 James L. Wells, Jr., Reserve List, November 10, 1919.
 Jonathan B. Chittenden, 23d Infantry, November 11, 1919.
 Harry W. Rosalsky, Defense Command 1st Field Hospital, November 13, 1919.
 William E. Lowther, 9th Coast Defense Command, November 13, 1919.
 William G. Barrows, 1st Cavalry, November 15, 1919.
 Charles L. Daly 69th Infantry, November 21, 1919.
 Joseph H. Gandolfo, Reserve List, November 25, 1919.
 Frank W. Evers, 1st Cavalry, December 4, 1919.
 William A. Hines, Reserve List, December 10, 1919.
 Maximilian G. Kastner, December 17, 1919.
 Ira L. Addridge, 15th Infantry, December 26, 1919.
 Winfield W. F. Randolph, Reserve List, December 29, 1919.

Second Lieutenants

Philip O. Miller, Reserve List, January 11, 1918.
 Augustus T. McKinaky, 10th Infantry, January 15, 1918.
 Mortimer E. Fried, Reserve List, January 23, 1918.
 Jacob S. Stone, 8th Coast Artillery Corps, January 25, 1918.
 Frank McCue, Quartermaster Corps, National Guard, New York, January 25, 1918.
 Vincent VanRiper, Quartermaster Corps, National Guard, New York, January 25, 1918.
 Arnold Livingston, 71st Infantry, February 6, 1918.
 Louis M. B. Ellrodt, 8th Coast Artillery Corps, February 8, 1918.
 Alfred L. Curtis, 12th Infantry, February 19, 1918.
 William J. Russell, 14th Infantry, April 3, 1918.
 George W. Beckel, Reserve List, April 9, 1918.
 Le Roy M. Landon, 4th Infantry, April 18, 1918.
 Raymond A. Knowles, 74th Infantry, April 19, 1918.
 Howard F. Bond, 1st Field Artillery April 27, 1918.
 William E. Flanagan, 1st Infantry, May 1, 1918.
 Frederick Post, 3d Field Artillery, May 10, 1918.
 Frederick S. Folts, 4th Infantry, May 14, 1918.
 A. Stuart Cooper, 74th Infantry, May 20, 1918.
 Joseph A. Juenken, 74th Infantry, May 20, 1918.
 Proal A. Paris, 2d Infantry, May 23, 1918.
 George H. Warnick, 47th Infantry, May 23, 1918.
 Roger H. Stonehouse, Quartermaster Corps, May 27, 1918.
 Charles E. Diets, 47th Infantry, May 27, 1918.
 William Armstrong, 7th Infantry, June 6, 1918.

Wilbur K. Hitchcock, Reserve List, June 8, 1918.
 Henry C. Foster, 1st Field Artillery, June 7, 1918.
 George A. Pink, Reserve List, June 13, 1918.
 Langdon Albright, 74th Infantry, June 19, 1918.
 Alfred J. Allott, 1st Field Artillery, June 19, 1918.
 Richard C. Kettles, Jr., 14th Infantry, June 21, 1918.
 Terence Newsome, 1st Infantry, June 21, 1918.
 Leslie A. Hughes, 14th Infantry, July 16, 1918.
 Frederick L. Stone, 3d Infantry, July 16, 1918.
 Harold W. Bonwit, 71st Infantry, July 17, 1918.
 Henry J. McLeer, Squadron C, July 18, 1918.
 Thomas V. Tully, Quartermaster Corps, National Guard, New York, July 23, 1918.
 Patrick R. Burns, Jr., 2d Infantry, July 30, 1918.
 Edwin J. Lawley, 47th Infantry, July 31, 1918.
 John B. Bland, 74th Infantry, August 2, 1918.
 Schuyler N. Dalton, 13th Coast Artillery Corps, August 6, 1918.
 C. Thomas Abel, 4th Infantry, August 6, 1918.
 George H. Sanborn, 3d Infantry, August 6, 1918.
 Daniel J. Hogan, 2d Infantry, August 13, 1918.
 Ernest L. Walthen, 8th Coast Artillery Corps, August 13, 1918.
 Richard P. Healy, 1st Field Artillery, August 13, 1918.
 Willard O. Tower, 74th Infantry, August 15, 1918.
 Andy C. Johnston, 4th Infantry, August 20, 1918.
 William S. Conlon, 4th Infantry, August 20, 1918.
 Frank I. Wordburn, 9th Coast Artillery Corps, August 20, 1918.
 James W. Deale, 6th Battalion, August 21, 1918.
 Calvis Truesdale, 1st Field Artillery, August 26, 1918.

Honorably Discharged — (Continued)

Second Lieutenants — Continued

William B. Davidson, 22d Engineers, August 31, 1918.
 Charles G. Goets, 69th Infantry, September 5, 1918.
 Charles W. Hedges, 1st Infantry, October 4, 1918.
 Louis H. Guteman, 47th Infantry, October 4, 1918.
 Frederick D. Squires, 2d Infantry, October 11, 1918.
 Wilfred W. Mack, 9th Coast Artillery Corps, October 11, 1918.
 Stuyvesant Fish, Jr., 12th Infantry, October 11, 1918.
 Alfred D. Reuterhan, 71st Infantry, October 11, 1918.
 Friend E. Benson, 4th Infantry, October 22, 1918.
 Robert H. Robson, 7th Infantry, October 22, 1918.
 Adolphus N. Lockwood, 3d Infantry, November 23, 1918.
 Samuel Cowan Diabrow, 71st Infantry, November 12, 1918.
 Raymond Page, Reserve List, November 4, 1918.
 Frederick M. E. Schaefer, 22d Engineers, November 1, 1918.
 Harry Lydecker, Jr., 8th Coast Artillery Command, November 1, 1918.
 Horatio Burroughs Burnham, 3d Infantry, November 1, 1918.
 Frederick W. Greenhut, 47th Infantry, November 1, 1918.
 Frank A. Ainslee, 47th Infantry, December 5, 1918.
 William H. Campbell, 22d Engineers, December 12, 1918.
 Eugene Demme, 13th Coast Artillery Corps, December 18, 1918.
 Hans F. Hofer, 71st Infantry, December 30, 1918.
 John Zogg, 6th Battalion, January 3, 1919.
 Edwin W. Foster, 14th Infantry, January 6, 1919.
 Frederick W. Simons, Jr., 12th Infantry, January 18, 1919.
 Clarence C. Chapman, 12th Infantry, January 22, 1919.
 Thomas E. Casey, 71st Infantry, January 22, 1919.
 Herbert L. Keeler, 1st Field Artillery, January 22, 1919.
 John R. Brenner, 8th Coast Defense Command, February 3, 1919.
 William Grosser, 47th Infantry, February 3, 1919.
 Samuel E. Field, 8th Coast Defense Command, February 13, 1919.
 James Le Doux, 71st Infantry, February 19, 1919.
 Lloyd R. Johnson, 15th Infantry, February 19, 1919.
 Frederick I. Lackman, 12th Infantry, February 19, 1919.
 Edmund L. Judson, Jr., 9th Coast Defense Command, February 19, 1919.
 Edward M. Sedgwick, 1st Field Artillery, February 19, 1919.
 William L. Wisner, 14th Infantry, February 20, 1919.
 Gilbert W. Kellmer, 14th Infantry, February 21, 1919.
 Anthony L. K. Maloney, 69th Infantry, February 27, 1919.
 Frank S. Steenberge, 5th Battalion, March 4, 1919.
 Lloyd A. West, 8th Coast Artillery Corps, March 5, 1919.
 Courtlandt D. Moss, 23d Infantry, March 19, 1919.
 William W. Bates, 1st Infantry, March 19, 1919.
 Raymond Carter, 71st Infantry, March 19, 1919.
 Everitte, J. Cole, 14th Infantry, March 20, 1919.
 Stephen G. Stone, National Guard Reserve, March 31, 1919.
 William A. Hollingsworth, 71st Infantry, April 2, 1919.
 Henry A. Williams, 15th Infantry, April 2, 1919.
 Stephen V. Spaulding, 74th Infantry, April 3, 1919.
 Alfred W. Booraem, Cavalry (National Guard Reserve), April 12, 1919.
 Orland P. Metcalf, 12th Infantry, April 16, 1919.
 Stephen Jacoby, 1st Field Artillery, April 16, 1919.
 Charles Madison, 12th Infantry, April 18, 1919.
 Walter F. White, 15th Infantry, April 18, 1919.
 Robert M. Ferns, 8th Coast Defense Corps, April 23, 1919.
 William H. Innes, Infantry, (National Guard Reserve), April 28, 1919.
 Frank W. Durkee, 2d Infantry, April 30, 1919.
 Walter Neumiller, 9th Coast Defense Corps, April 30, 1919.
 Archibald B. Campbell, 8th Coast Defense Corps, May 3, 1919.
 Alfred M. Vaux, 23d Infantry, May 3, 1919.
 Albert L. George, 71st Infantry, May 3, 1919.
 George H. Field, 74th Infantry, May 3, 1919.
 Clyde C. Clark, 74th Infantry, May 3, 1919.
 Thomas E. Taylor, 15th Infantry, May 22, 1919.
 Victor Grimwood, Squadron A, May 23, 1919.
 Robert Vincent, 23d Infantry, June 9, 1919.
 J. Rosamond Johnson, 15th Infantry, June 9, 1919.
 Charles W. Rennie, 1st Cavalry, June 13, 1919.
 John A. Farrell, 47th Infantry, June 19, 1919.
 Sidney M. McDougall, 7th Infantry, June 20, 1919.
 Kirke R. Wilson, 65th Infantry, June 21, 1919.
 Frederic C. Shipman, 47th Infantry, June 28, 1919.
 Robert Sedgwick, 9th Coast Defense Corps, July 8, 1919.
 Rudolf A. Frederick, 8th Coast Defense Corps, August 25, 1919.
 Norman T. Simpson, 4th Infantry, August 29, 1919.
 Frederick W. Hoehler, Jr., 69th Infantry, September 12, 1919.
 John E. D. Meador, 7th Infantry, September 12, 1919.
 Harold Stern, 8th Coast Defense Corps, September 17, 1919.
 John A. Robertson, 8th Coast Defense Corps, September 19, 1919.
 Frank S. Huletto, 47th Infantry, September 19, 1919.
 William F. Dowling, 10th Infantry, September 30, 1919.
 Frank Durwin, 10th Infantry, October 4, 1919.
 Phillip P. Brown, 7th Infantry, October 21, 1919.
 William G. Davoren, 69th Infantry, November 8, 1919.
 Alfred F. Kelly, Reserve List, November 10, 1919.
 Edward L. McNicol, 9th Coast Defense Corps, November 11, 1919.
 Albert Gould, 14th Infantry, November 13, 1919.

Honorably Discharged — (Concluded)*Second Lieutenants — Concluded*

Herman S. Murray, 12th Infantry, November 21, 1919.
 Anthony S. Mowbray, 13th Coast Defense Corps, November 28, 1919.
 Fred M. Schilling, 1st Field Artillery, November 29, 1919.
 George F. Brady, 4th Infantry, December 9, 1919.

John V. Schenck, Reserve List, December 16, 1919.
 Francis H. Slater, 2d Infantry, December 24, 1919.
 Gustav A. Richter, 23d Infantry, December 29, 1919.

SPECIAL ORDER NO. 312, 1917, REVOKED

Resignation of First Lieutenant Edward P. Smaney, 1st Field Artillery.

DIED

First Lieutenant Otto E. Secrest, 10th Infantry, April 25, 1918.
 Captain Hedley H. Cooper, Chaplain 71st Infantry, May 26, 1918.
 Captain Knued W. Dahlgreen, 1st Infantry, October 6, 1918.
 Second Lieutenant Frank S. Leisenring, 22d Engineers, October 23, 1918.
 First Lieutenant Edward Straus, 12th Infantry, October 25, 1918.
 Lieutenant Colonel Frederick H. Ryan, 1st Field Artillery, October 26, 1919.
 First Lieutenant Jos. Kaufman, Medical Corps, October 28, 1918.
 First Lieutenant Edward Moore, 1st Infantry, October 28, 1918.
 First Lieutenant Harry J. Kerr, 10th Infantry, October 31, 1918.
 Captain Leo S. Petersen, Medical Corps, 1st Field Hospital, October 21, 1918.
 First Lieutenant Daniel N. Flack, 1st Infantry, November 27, 1918.
 Second Lieutenant Gomer Pritchard, Machine Gun Company, 4th Infantry, December 14, 1918.
 Second Lieutenant Cady H. Cross, 5th Battalion, December 25, 1918.

Captain Patrick J. Maguire, National Guard Reserve, December 9, 1918.
 Lieutenant Colonel Edward B. Bruch, 71st Infantry, May 12, 1918.
 Lieutenant Colonel Mighills R. Butler, Late Major 3d Infantry, National Guard, New York, January 11, 1919.
 First Lieutenant George J. Kern, 8th Coast Defense Corps, January 3, 1919.
 First Lieutenant John C. Donovan, Aide, 2d Brigade, February 3, 1919.
 First Lieutenant Frederick W. Burton, 2d Field Artillery, March 1, 1919.
 Second Lieutenant Meyer Rosenthal, 12th Infantry, April 2, 1919.
 Captain J. Prentice Kellogg, 71st Infantry, April 10, 1919.
 Major Alex Barnie, Retired, August 21, 1919.
 Major Walter F. Gilson, 74th Infantry, December 21, 1919.
 Lieutenant Colonel Floyd S. Crego, Retired, April 23, 1919.
 First Lieutenant Frederick J. Philcox, Retired, July 4, 1914.
 Major Eugene A. Smith, Retired, August 8, 1914.

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